

SEQUENCE LISTING

<110> Munger, William E.

<120> Identifying Drugs for and Diagnosis of Benign Prostatic Hyperplasia Using Gene Expression Profiles

<130> 44921-5029-01US

<140> Current Application #

<141> Application Date

<150> 60/223,323

<151> 2000-08-07

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<151> 2001-06-05

<160> 1124

<170> PatentIn Ver. 2.1

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<211> 333

<212> DNA

<213> Homo sapiens

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<221> unsure

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agagcccaaa	gttcaggcaa	gcctttatta	acctgtcggc	tgccccctta	acagtcaagg	300
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<223> Genbank Accession No. AA005382

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atatgtgctc tgctttactt acacccaact ctaacctgcg agcatattag gaaaaaagaa 180
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<211> 287

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. AA007158

<400> 4

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ctacactatt atttaaaaaa aaaactcaca aaaagaaaaa tgttatcact acaagtagga 180
attagaagag agaaatcctg gcagtcctgtc tagagggttaa aacatttcac gcatttggtga 240
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<221> unsure

<222> (1)..(479)

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ggatatattg ctttgataat tataaagcta tttttttcat tttaaaagta gctaagtttt 180
caacatttca aaaacttttt ccagatcttc tgtatacttt tctgtaggca tcctagttaa 240
acatgtacaa ttcaaatgac cacatgctgg agagccaggc gcgtcccat gcaggcgacg 300
tgggcctctt agaagcagcc tcctgagntg tgtagcctcc tgcagccata cagtcccgtc 360
ctggtcgccc gtctcagcct cggtcctgag cagcctgtgg gaatggtggc gacgggacag 420
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<210> 6

<211> 468

<212> DNA

<213> Homo sapiens

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 <221> unsure
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 <223> n = a or c or g or t

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 gtttagtaat cgtctaagaa taattgtaga aataacccca attccaccat cccagccact 180
 ggtataaaac aaataccttc catgaaactg tctttcacat aactaaaata tcctcactta 240
 cttggaacaa tttcatgctt acacatgac acaaacattt gtttttagat gttgtggaat 300
 tactggagct gagatttctg aaacaatata tgaatcttag cagagagata ataatccttt 360
 cactatacat tgcttgggct tccttaacca aatctgagta actactggta ataataatgc 420
 tgggtggtagt ccatgatact ctcaaatttt tccctttaag aaatatan 468

<210> 7
 <211> 229
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA010358

<400> 7
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 ttacagtgat tcaaaaaaaaa ttcagaataa tttggccttt tcattgctca tgcagtcagt 120
 ttataagtcc atgtattaga cggccctcca tggcccagaa gtcttcctg ctgaaggtcg 180
 tgtgtgacac cctcagatac gcattctgtca ctgacaaagt tggttaatg 229

<210> 8
 <211> 163
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA017063

<220>
 <221> unsure
 <222> (1)..(163)
 <223> n = a or c or g or t

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 cagggcgggg tttggtcctg aaaaaatggg gtggggcggt tacctcttac cgcttgggac 120
 cttgggacct cttnttgacc ccaggaagag attagaagcc ctt 163

<210> 9
 <211> 127
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA017547

<400> 9
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 cccgcaacag ggggagcccc tcctgccacc aggggaccgt cgccgcccct cgcgagaagc 120
 tgcaggc 127

<210> 10

<211> 430
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA018414

<220>
 <221> unsure
 <222> (1)..(430)
 <223> n = a or c or g or t

<400> 10
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 aagggccac gcttctgcta aggtccaggc attcctagag tggatatga tagatcatat 120
 ggtataagat agatcncctt ccatagccac agagtatcca gttattaata caaacaatg 180
 agaagaggaa ggggagagca agtctttctt tgtttttaga gcacaatcca gaagttgaat 240
 tcctatctta gtcacattaa attggctaga gtatcggtac gtagtcagac cttagagttgc 300
 aaaggagact gaaaaaatgc agtttaatat gaacagccat gtgtccaggc aaaaattctg 360
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 agtactacct 430

<210> 11
 <211> 196
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA019034

<400> 11
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 gttcatttta ttattttgct gatttttttt ttgcatgtga ttttaaattt tatttcaaca 180
 tagaagtaac catatc 196

<210> 12
 <211> 482
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA019433

<220>
 <221> unsure
 <222> (1)..(482)
 <223> n = a or c or g or t

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 tgaccactcc ataggcagag aaacgtcact ttaagggttt gacatcaatt gatttttgtc 180
 caaatcaata attactgcaa tgattgaaaa atgattatta ctaagtttgt tttcattgtc 240
 tcaagggtctg ctgaactctg gatccaggct gtgtcaacag ggtagtgtgg tgcctcctgt 300
 acctgtcttg gcttcctaca gtccttttta cttattttgt tttttagaat tagagacagg 360
 gtcttactat gttgctcaga ctgggnttca aactcctagg ctcaagcaat cttccagcct 420
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 tt 482

<210> 13
 <211> 373

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA022615

<400> 13
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tgctcctcct tcgcttagag tttataaaaag ccagcaacat gatcaataat ttatacacat 120
ggagagtaat acaaaaaaat aaggaataaa agctaaagat ctaactactc cgaccttcac 180
aattccagct acttgataat aataggagta acccaatgaa tactgtatgg tctgaaagct 240
actatacaat atgattctta acgagaaggg aagggaatta gagactgtca caaagccctg 300
ggatgcttct ctggagttag cagggaaca ggaccctggg caagcagctc ggggtgtccta 360
ggaagtgtt ctg 373

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<211> 245
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<213> Homo sapiens

<220>
<223> Genbank Accession No. AA022886

<220>
<221> unsure
<222> (1)..(245)
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aagagtgcac gccgggtaaa ttcagggtgg cttttttctc aggggtctgga agtgtgagag 120
tttctggggc agactttttc cggggccgat ctttggggaaac ggacagaaat tcgggtgcgt 180
ctgtggagag aggggtggat ggagcactag aaggcgcact gcggacngaa aaaaggcccc 240
ccccg 245

<210> 15
<211> 337
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA025370

<400> 15
ggatggaata caatttccaa tagtgtctag gccgacaccc ctccaccctc ctttgccctgt 60
cattcaagtc aataccctgg agaaaagagg ctgtggggga ggccatgttc gattaggagg 120
tttaagagtc catcaaagtg tcatatgtgt taggtgtgaa atggcgacac tgggaattac 180
tgtaataaag ggggtggctgc agcacggtga ttgttatgag aacatcccca ccgccccact 240
tttgtttgaa gactttcgta ctgaactaca tggtgtttac tttcaacaac gtatacacta 300
cagttgacaa aagttaatct cgggtgataag aatatgc 337

<210> 16
<211> 411
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<213> Homo sapiens

<220>
<223> Genbank Accession No. AA026641

<220>
<221> unsure
<222> (1)..(411)

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gggtggaaaag gacctggacc acacagagca ggactccaga gcctcctcca tatggcagga 180
atcaagcttt cacaggggaa acgcaggatt tcccacacat gcccattgcaa cacttcaagt 240
cacgcttgca ctggccatcc atctcacaga aattgggggg gttnagcatc naacattggc 300
canaantcac tnggnacttn ccaagggttn cnccttggtg ggnttngggg ggttnacagg 360
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<210> 17

<211> 471

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA028092

<400> 17

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ttttacaaca tattgtacaa aagatacatt gataggctct tatctattta tatatttata 180
attacatatt gcacttggaac cagcaaggct tgcagagtca ttcacggtag aagttaataa 240
agttaaatag atgggaatct ttgtaagtac aattgatctc ctctgggttg gaaacgaatc 300
tctctgctcg tgtaaaagtgt tctcgcgggg tgggacagag agaggagcat tgcgaggggg 360
aagcagagac agagagcact gagggcaggg gtcgccttcc cggggcccgc tccccccggg 420
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<210> 18

<211> 422

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA029356

<220>

<221> unsure

<222> (1) .. (422)

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<400> 18

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atatcaagat ttcatatgaa ttatagtata atccagaagt atgaaaaaat acatcatatt 180
taacttataa agcattcatc tgcattgttat aagatattac agtaaataca attaggtact 240
taccatttta tctttacttt aaaaacaatg cctnttccaa aatataaaaa aaagacctat 300
ttttaaagan ctattttaag atngcttttg aaaacaacac ttttatntta cnacaaatag 360
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gg 422

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<211> 253

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA029597

<400> 19

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aataaatagt cttaaataag aaaacaaaca ggttgaagga aagcaagctc atcgctcctga 180
acgaggggatt aaaggggggg ggtgttcaaa agagctttgg atggaaataa ataattctct 240
tgctttgtaa cac 253

<210> 20
<211> 186
<212> DNA
<213> Homo sapiens

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<223> Genbank Accession No. AA031360

<220>
<221> unsure
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tacattcaaaa atttttgaca ggtacagagc acattaaaaa atgaagacat gatcaaggag 120
atgtaagaga caaatagaca acaacattct ccctgaatct ggaaaaaagc nagccttag 180
ggtncc 186

<210> 21
<211> 206
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA036900

<220>
<221> unsure
<222> (1)..(206)
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tgtgtcctgt agctttttta aaggaaaccc agtcatccca ctatgaatct ggcattctct 180
tatgcttcta gtgttttggc canaca 206

<210> 22
<211> 456
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA037828

<400> 22
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<210> 23

<211> 494
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA039935

<220>
 <221> unsure
 <222> (1)..(494)
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<210> 24
 <211> 421
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA040433

<220>
 <221> unsure
 <222> (1)..(421)
 <223> n = a or c or g or t

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 tcctcatctt ttaccagctt ccagaggtag atctccacca agtccgaggc ctngtgttc 360
 ccaggggcaa agcgacnag gttngtctng ggctttgggg gataccggat gttttggacg 420
 a 421

<210> 25
 <211> 486
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA040731

<220>
 <221> unsure
 <222> (1)..(486)
 <223> n = a or c or g or t

<400> 25
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 gccaaagtaca aacttttgat ttttgaaatt ttttcaactc agggccaagt acaatctttt 120

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gattttaaaaa ttttttttca tgaacaaacc atcagtagtt attaaggagc ccaagaaata 180
ggagatgtga aagcaggatt tctttgtgtt tcctttgaat gttgttattt tgagtattat 240
cattatcagg tagaggaaga aaggtaggct gggaagtagg tccttatgat atcttgacta 300
tggatcccag atttacattt cacctngtca cagagcacac ataatttaag ataaacatgt 360
caagaatgac ataaaccaga ggtaaacacc aaggagcttt acatttgga ccngaaaata 420
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cccngg 486

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<210> 26
<211> 467
<212> DNA
<213> Homo sapiens

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<220>
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<220>
<221> unsure
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<223> n = a or c or g or t

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tcttttcta cccatacat catgtctttg aaatgacaaa agtcccatcc tttgttgccc 180
gtgcagtaat ctgcttgtgg aactctttaa gaacatccag ctggccaggc ctgatgtgga 240
tgtatgaccg gatcttggcg atggctctta cagcctcctc tggactccat ttgtgcacct 300
gaatcaggta tgctgccacc atagtggact cctggagcgc ccagccttac aatgcacgta 360
aacacactgg cccagcgact ggtacttgag agcaaattgg actcccttcc tggagggtgt 420
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<210> 27
<211> 546
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. AA043349

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<400> 27
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aacattgctg taaatttcat tttttttttt tttactaata aaacagatgc ttctttctca 180
gagatggggtt ttcactttca acatgcgtca tagcatctga ttttctgagc catcttgga 240
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cggggtctga tgagactgtg gaaacctatg ggtactgtag ggagagcaca ggtttggatg 420
ccagacaaat atctaaatct aaccctaata cactgcttat aagcttagtg attgttgac 480
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ttagtg 546

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<210> 28
<211> 353
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. AA043777

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<220>
<221> unsure
<222> (1) .. (353)

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<223> n = a or c or g or t

<400> 28

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gaagttataa aagcttggtt ttctttatta gaatactttt ttcaattctg atttgtcaca 60
atthagattc tttttctaag aataagcaga aatttacaaa atttaatttt tattttataca 120
ttcatccgtt caatacacat ttcaagaaag ctgtattgna ccccttnnag tnggtaagtt 180
ccaggggcaa agaaccacaaa taaatccaag gagagagacc aacaaatgta tattttataac 240
acagagtaat aaaacacaaa taaatgtgga gttattttaag catgtaagat ggtacatgct 300
ctaccaaggt atggggggctt ctctaagaca caagatcaga ttaaagtctt gaa 353
```

<210> 29

<211> 382

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA044219

<220>

<221> unsure

<222> (1)..(382)

<223> n = a or c or g or t

<400> 29

```
ttgcggggaa tcaggtaggg gcctttattg gccagcacac atctacctcc tggcatctgt 60
cacaagcatt tgcaggagta ggcggccctt tcctctccat gtcccatcc ccaacctgag 120
atgcgggagg gcctgggggc tcagagggaa gaactgaggc aagaagcccc ggtgatccag 180
tcagaggatt gggcagcctg acctcggggg ggggagccag cactngacaa caaggaggga 240
ggggcacagg agggctcccc gaggtttggt cggggagggg gaggaaaact gccccctgcn 300
ctgtcaatct ctgcaatgtg ccgagcccca gctccttgan tccctcagtg cctttggggc 360
tggatgctca ganagcagtt ga 382
```

<210> 30

<211> 428

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA045481

<220>

<221> unsure

<222> (1)..(428)

<223> n = a or c or g or t

<400> 30

```
tttttttcag taatacagat gtctatttta ttaaaaaagt tacaaacagg tggactgcag 60
ggtcgtctta caaaatgaca agaatgaaat ctattggaaa aattttactt ttacaaatct 120
ttataggtaa ttgttcaatg tttgtacttg ttatttgaga ttttaccttt cactgataaa 180
gttacagtac attagatcca tgataatagg ttacattatt ttatttgcag agccctactg 240
cagtgatatt aacaactcct aaatagatgc cataataaag acaagacata tattgcattt 300
aatattaatt tattatccta ataagcaaca tgcaatctat tgagggaagct aaaataactt 360
ttgggtcccc ttcttaaaat gtgctggaga aaccaccctt aaaatcactt tcccccgat 420
tccngcga 428
```

<210> 31

<211> 328

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA045487

<400> 31
ggaaaagcatt ttcaaaacttt atttacaact gtcacagtga caaaaagtag tttggaaaaa 60
aaaaaatgct agtttctccc tgagcctcaa aaaagaacag atagaagtta caggagggtc 120
atctcacaa aggcatgttt actgaaatac taggaatttt ttcaatacaa tcagttagaa 180
atacacaaa attacttgaa aaaaaaaaaa agaggaggcc agataggagc tcagccactt 240
gtccaagagc agctgggtcc cccagcagg ctccaccgct gagggtcctg acattagctg 300
tcagcccctg gcctgctcag actggcaa 328

<210> 32
<211> 402
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA045503

<400> 32
ctgtgagact gtcctttatt gtgtatacag gttccagcgt cagggctctc ccacggcccc 60
ctccccagtc ctcccccaag ggcccagagt ggtgggagtg agaggccacc ctaaggcaca 120
ctgaccagag aggcattggag ggaggaggct gacttgcctt ggggaccctt gctaactgag 180
acccaccctt cccctccacc ctgcttctgt atgtgggaga cgaaaccaag agtcactggg 240
ggcagcagtc atttcccagg gttaaggctg atggaaggct cctatcccag atgggagatg 300
ggggcttttc ctatgactcc ccccatcccc cagctggaag acgtggggag ggggtgcatag 360
ccttagagag gtagaatgag gggaaatact cctcagtgcc ca 402

<210> 33
<211> 437
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA045825

<220>
<221> unsure
<222> (1)..(437)
<223> n = a or c or g or t

<400> 33
cagtgtagac cgtctttatt ggcagggtgtt aagagtgcaa aatatcaaca aaccaggggg 60
aatacgcaag ggggtgggag tatggctccc ctaccccatg tgagagccct gtaaccaagc 120
cagtggggtg ggaacgttga cttgactgtg gcaaattcag gctcagcacc ttccaaagaa 180
caagctccca ggcaggaggg ctccttgcaa cacaaggggg aaaggagtgg caccctggaa 240
gggcctgggc tgcgaccac cctgggctgc ttggctcctg tatactgcc acctcaaccc 300
ctcaagagga aggccttcaca gctgggggta tgtagttcag agaaccggg ctaaaccag 360
ccctcccaa acccaggtta tctgcctcgg gcctcagttt ccctcctccc agtgattacc 420
caagttgggc ccatcag 437

<210> 34
<211> 397
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA045870

<220>
<221> unsure
<222> (1)..(397)
<223> n = a or c or g or t

<400> 34
 gtttagagtc taaaactaaa acctaatacat ttngtcacag tgtaaaaaca aatggaaata 60
 acagctcaaa tcttcaaaat attactatag cattatgttt aaaataatct acaacaaaaa 120
 tgtaccattt tcaagcagta ctacattagg agccctttta tagaaaataa tttcttcttt 180
 acccccgttc cagtgtgaat ctagtattct gttaacattt gtgtggcatt tggagtttgt 240
 catccccatt gaaggagag ccttctcaga catgaagcaa gggaaacata ctgaatagtt 300
 ttacacaaat ttgatctggc ttccatttgn cccctcatt tcccaaatgt ttaaantgta 360
 ttnggatttg ggattctcaa atggtataag ttggcct 397

<210> 35
 <211> 564
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA046426

<220>
 <221> unsure
 <222> (1) .. (564)
 <223> n = a or c or g or t

<400> 35
 tttttnttt tttcacttta tcatttactt tttatttgtt tgcttgaagt acctatgtaa 60
 tgcaagtatg tactgtacta aaatacctat atttccaaat aacatatgtg gtgtagccca 120
 cagtctctgc agaagcatca tgagtaacct gtgcctttac actttacaat ccggtatttg 180
 ttgctgttaa aagtatgata acagatgaag aaaaaaaaaac taagtatgaa tacacttttc 240
 caaacacgca catacacagc ttacaatgga atcccaatgg aaataagtga caacatctga 300
 tgtagaatct ataaaatgta gactctgcaa taaaaagcca aaggacgtaa aaatatattt 360
 taactttaaa aataacttag ttacagtaat actttgcctg tgtcttacca acatgtagct 420
 gacagtcaaa attttgcaat atagatataa tatataggga tatataagaa ctacaagaaa 480
 atccccaaaa ccataaagt tcaaatgtga aacagaaaag tttaacctgg agattcgcta 540
 tgggtgancta gccatatttg gaag 564

<210> 36
 <211> 560
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA046840

<220>
 <221> unsure
 <222> (1) .. (560)
 <223> n = a or c or g or t

<400> 36
 tacaaaatact gtaaaaatta atataaaaaa gtgagcatgc tcagtctttt cctcttatct 60
 acaatacaaa gggtttgtct gaaaagtctg gttttttttc tttttacaaa tgtaccttag 120
 ctgcatcaac aggagtaaga tgtagaaaaa gctaccatta caaaaataat ttaagggaaa 180
 ataaacacgt ttagcttctc tcgcagttta gtgggtggtaa gtccaggctg tagcttcttt 240
 ggcgtcctat gtcccaagaa actgcagcgg gcacccggcg gctctggctg cgcagggcag 300
 ggcgcgctcc gctccgggcc gtcgggtctg aggtatgggt cgttgctgag tctctccgcg 360
 cccggccgcg cgttaccggc agtctgctgt cccggcggcc ggcagaaggc cgggctgggc 420
 agctgcttga agaactgccg gagggccagg tcccgcgtga ntgctccacg cgtggtgca 480
 gttctcgttt cagcgacagc tcacaacttt gtgcantcct ggttgcgccg cttggcttgt 540
 ggggtttgcn acgggatgtt 560

<210> 37
 <211> 464
 <212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA047151

<220>

<221> unsure

<222> (1)..(464)

<223> n = a or c or g or t

<400> 37

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agaaaaacca ccatcggtgc acgtcgacga tgccaaatta tgtagcgtg acaganaaca 60
ccgtggggga ggaaggcagc agctgaagaa aaaagctcaa atgatctagt cactttcgat 120
actgtacttc agatgcgaaa tggatattcn gagtggaaac ctgacaaagt gcgcctgctt 180
tgatgtgaac tggatatagac aatgaccagt ggctgggtca gtgggatgtc tctctgtgag 240
cacaaaggct tatcaaata cactaaagat aagttcaaca accatcacat tggaagggag 300
aaaggccgaa catttcattg ttggccgggc atgtgagtgc acaagatgga aagagcgatt 360
ggagcatcct ggtataatta cccccattgt gctcttaaatg gaaatttcaa aggacgggag 420
tattctgttg gttggtgtcc aggtttgtgg cactgttcca agag                                     464

```

<210> 38

<211> 413

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA047880

<400> 38

```

tacagagaat ataaaaatac attcacttta ttttagaaaa atgaagactc atagagtaag 60
cttatcacaa actggcctat taggagtcac agaattcaca ggaaacaatt tctgaagacc 120
aggtgcctgc tgccacctct ccaagcaggc cagagtccag tagagaatgc gattcaggaa 180
gatggctcct cagagggcag ggaggttagc tacggaggcc gctcacgtgg aaatgtccag 240
tgaaccaatg ccaaggaaga agataaaatt ctctggggct gaccacaaca gtgggggtgg 300
ataaagacaa accacttgcc tgtactttct atcttctatt tgttcatttc actgctggaa 360
ggtgacctct tttcccttaa tcttctttca acccagagag tttaagtctt ctc                                     413

```

<210> 39

<211> 316

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA053267

<400> 39

```

ttttttttct cactgcaaaa caacttttta tttaaaaggc caataatgag aataatgagt 60
tgcacaagaa tgaaaacctt atcccttcca aaagatcggc ctatacatta tgtataaagt 120
tagaataatt ctaaatacaa aatgccaaag accagcgggt ccactccttc ctctcctaag 180
ccatcttgac agtttcacat ttcagcttcc agacgtcatt tctgttgctt ttaagggtgc 240
ttaccagacc gtggtctgta ccagacaggg tagttggcac agcgtaggca ctgccagcag 300
gcccttgagg gcttgg                                     316

```

<210> 40

<211> 431

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA053424

<220>

<221> unsure
 <222> (1)..(431)
 <223> n = a or c or g or t

<400> 40
 tttgagcttt cagatttgct tttattggta gggaaattcc agagtgggga gccacccagg 60
 aggagacagg ggtgccgagg cttctgggag tctggaagct cccggatgga gaggcttaca 120
 gccccagcct tccccagcag gaggcacagg aggggactgg ccaagtctgt cagctcagag 180
 caggaccggc ttcagggcct gacttcgggtc tcctcttgac ccgccccgga ggcttgtggg 240
 gggctctgtg tttgcagctc tcctgaacag agctagatga ggggtgggagg cccccgttgg 300
 ctcacacagt ggatgctacc atctccggcc tcttgatgt ggagctctgt gccagagtca 360
 acagtctcca ggggtgggccc gaagttgttg taggcgntct caaggccgaa atctgctctt 420
 cctcagattc t 431

<210> 41
 <211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA053883

<400> 41
 ttttttcaga gattatgaaa attttattaa taaagaaaat ctgcattaca catatcccct 60
 ttaaaaacaa ccacctcaaa catgtagaaa tgctttatgt tgtatttgct atttgatcaa 120
 tgccagaaaa atgaaaccac aacaccaaag tacagaccag tatttttgaa ggggataata 180
 atcatttgag ataataaact actagaaaaat cagaagaaat gattcaaggt attcatttca 240
 aaggctaaac cactaattct tcattccaaac gaatgtttcc actgtgagtc aata 294

<210> 42
 <211> 426
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA054222

<220>
 <221> unsure
 <222> (1)..(426)
 <223> n = a or c or g or t

<400> 42
 aaacattggg tactttatat atgactttct tctggtagtg gcaaactaaa ctttttaggt 60
 taatctcctg ctaagaaaca taaaaactca acatatgcta gaaggcactg aagagctaac 120
 aagatagatt aaggagacac tagtccagca tttagtctg atctaaatgt cagaagtggc 180
 tgtgactcta aacagagctt ttgacatgct acagcagagg acggcaaact atagcccgtg 240
 tggcaaatct agccttgac atattttgta aatacaggt cactggaata catttatctc 300
 attaatattat tgttttattgc tgcttttgca gaacaatngg cagagttgat tgttgagaca 360
 gagattgggc ctacaaagac taaaatattt attctctagt cctttacaga aaaagtctgc 420
 catcac 426

<210> 43
 <211> 251
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA055081

<400> 43
 ctattatgat atgtttatgt aaagttcaaa aactggccga actaaaatct acttgatttg 60

```
gaacacacct gaatgtgatg aaagtataca gaaaagcaag aaagttattt aaataaaaagt 120
caagatgggtg gttacctctt aggtgggggc tataatgaga aaggaaggac aagatagaga 180
aggttcttac tgtcagtgtt ccatttcttg atttggtgga tacaagtgtg tttataatta 240
ttctttaaac c 251
```

```
<210> 44
<211> 451
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. AA055163
```

```
<400> 44
tttttcaaaa tatgagttta atgacagaat tagtttagcta gtattccaca aaaagtattg 60
ctctattttt aaaaaatttg cacagtgtct tacacatgtg ctaaaagatt gagaaaaataa 120
attagaaaaat tatactgcac acttaacact aaatctacca agcacaatgt aactttttaga 180
cagctcagaa ggcacttttg gatttttttt tttttcagtg cctcagggat cagtatgaac 240
tccaattatt gttgcccttg ccaattgtgg gagtactgat aactggagag ttaattgact 300
gctggataaa gcaatcttta atctaaatgg ggaaggctca ctagcagcta cagaggaagg 360
gggtattcag atcccagctt aaggctagga agccagctga cccaatcaga gacatgaacc 420
catcagaaaa atgtaaaagt tttcatcttt c 451
```

```
<210> 45
<211> 354
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. AA055768
```

```
<400> 45
tttttttttt tctgttcaaa aaagggtttta tccaaaaaag ttaatcaaga caagcaacag 60
atactgcaaa gcattatata cagcaccata gtccaggggc caaagaaatc aggaggggct 120
gggcagtaga ggaattccat atattaatga atgtgagatt aagtatagag tgaagacatt 180
aacacacaaat ttctaatttc tgttaggcag aatgctcccc taccctgatg ccacagcctt 240
tcacgtttcc taaaccctag taacctctga tctccatctg cctcatcaac acgtcaccac 300
cctttgctct tcttccaatt tagtcacatg ttgggctgaa tttatttcca ctcc 354
```

```
<210> 46
<211> 610
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. AA056121
```

```
<220>
<221> unsure
<222> (1)..(610)
<223> n = a or c or g or t
```

```
<400> 46
ctccccctcc ctgctccaag ccggagggtt cctgaggtga cagcgcttgc aactgaaatt 60
tcagcagcgg gagaagatgg acaagagaaa gctcgggcga cggccatctt catccgataa 120
gaaagatggt aaatgcaaaa ccagaggatg tccatgttca atcaccactg tccaaattca 180
gaagctcaga acgctggact ctcccttttg agtgggaaag aagcctaagg aataaagtca 240
tctctctaga ccataaaaaat aaaaaacata tccgagggtg tcctgttact tccaagtcac 300
caccagaaag gcaactcaaa gttatgttga cgaatgtcct atggacggat ttaggacgaa 360
aattcagaaa gaccctacct agaaacgatg ctaattttatg tgatgccaac aaggtgcaat 420
cagactcatt gccttcgaca tctgttgaca gcctagagac atgtcaaaaa ttagaacctc 480
ttcgccaaag ccttaattta tctgaaagga tnccagagtt atattgacga atgtctggga 540
```

acggggttagg aagaaatcct aaggncccac ctgtactgag ggaattggtg ttcagcaant 600
gcatcaggga 610

<210> 47
<211> 404
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA057195

<220>
<221> unsure
<222> (1)..(404)
<223> n = a or c or g or t

<400> 47
agaaaaacca agtgtcttta ttcctcgatc gtttagtatg gcggtgggcg gcgcgcgcgg 60
gggagcctgg agcccaggga atcgacctgg agggccagtn gngggancgg aggggtgcgag 120
gntcggctcc tccgcagccg gccctggagg gggtcttggg ggatcgcgcc aggccaaaag 180
tctgcatggg cggccccgag cctccctgag ccggcgcgcc ccgggnttng ggagaggccn 240
ctctgnncgc ggtgccgntg cgggcccggg tgcggcgctc gcccaagggc taagggtgcc 300
cgtctcaggc gagaccccag gagcccgccg cccccgctgt ctcttcagcc gacgtagaca 360
cgtngggccg ggaaccccag tcttaacgcy tgttcaagct ctgg 404

<210> 48
<211> 491
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA057829

<220>
<221> unsure
<222> (1)..(491)
<223> n = a or c or g or t

<400> 48
cacggccagc ctctcctgca gctgcgcgtn gctcacctcg ctctggcccc tgggtgccgctc 60
cacctccagg gtggcctcac cgtccctcag cgagacggtg accacgtgct cttggccgctc 120
gcagacttga tctccattag ggccaaggcg tatgctccac ggccaggacc accagctgct 180
tcttgagttt cttcgtggag tgatagtcta ccagtgccac agagagaggc acggcacgga 240
ggtcggggggc ccagangcgc aaacaagcac gcctgtgtct gcggctgggc ggattgtgaa 300
gccacgactt ctacttccca gggttgattca gtcccagcgt ccagaagggg tccgcatgta 360
gtccaggctg tagaaggcga agcttncccc ggggttagaa agaagcctct ctccgtcacc 420
gagaagcact gcatcctcgt gtttatttca ccgttttctt ggatggtggt gtcttctccg 480
ttcagccagt t 491

<210> 49
<211> 333
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA065173

<220>
<221> unsure
<222> (1)..(333)
<223> n = a or c or g or t

<400> 49
ntttttcatg aagaccagtt tattttacat gcttgctttc acattcttta ctgggaattt 60
aaggcctttt ttcagcctta acttgatata caacctcaag gattttgttt gatacagaaa 120
aggatagggc tgggccttct gccaggact gataacctgc ctgccaaaag gaagagggaa 180
tgaaagcctt ttgtccttct aggccctta cagtacctca aaatctaaag gccttaaagg 240
ggaaaaaac cgtatctgtt ctttctcctt atctcctacc cttctcttta agcatattga 300
agatggactt ttttccaaat gtttatttgt agg 333

<210> 50
<211> 471
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA069913

<400> 50
ttttcatgtc agttattatt actttattac attttgggtc tcttactact ttcaatacag 60
tacattgtct tttgaatgtt acataatata aaaggatttg gacggtttta aaaataaact 120
ttaactaccc attgatacat acttgatgac acaagttctt ccatatacaa tgcaaagcat 180
acaaaaaata cattaggaat tctactttgt acagtcgttc attaaatagt atttacacat 240
acattttcag gttcctctga gtatcttgat aacccttgg gaagatgggtg gtttaagtctg 300
tccttacaaa cttaaatttg taagtcttac atctgaaata aaagagctca ggtaaactta 360
gaactgaccg agcctgagct agggaggaca agggagggtgt gggggaagca gcctggggca 420
tggcacatgg gtgaaggggc gtcgcacctc cacataggcc tacagtaccg g 471

<210> 51
<211> 436
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA070752

<220>
<221> unsure
<222> (1)..(436)
<223> n = a or c or g or t

<400> 51
acgtgcagtt cagtcaatga aatcctgagg attggataaa gtaaacaâac tgaaatggat 60
gcatcgtagc atctactgat gaggaagata tgaggctcta gttgtgaatc atgaaatatt 120
tagagtctgg gtacccatga gttagaagag gatttgctga ggtcatttag gtcttcattc 180
tgctgtgatg tccagttgag ctactgacgg tectctggct gcttctggaa actgatgctg 240
gcataggcgc ttaaactctc acttgagcgg cgggtggagc tgctctcacc gctgcccagg 300
ggttgatgan ngggtggggg tgggggaagg ctgcggttca ggggtgcact cctgagggca 360
ctgtttgaag tccttgacca aatccagggtc tatgtagtta agaccattct ccaaaccctc 420
agcagcccca cacagt 436

<210> 52
<211> 458
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA071558

<400> 52
taagagagga ggatctcact ctgtcaccta ggctaaagtg cagtgggtgtg atcataactc 60
actgcggcct ccaactcctg ggctccagcg atcctcttgc ctcagcctcc cgagtagctg 120
ggactacaga tgcattgacc acccacagct aatttatatt tatttctgta tagatggggg 180
ctcgctatgt tgcccaagct ggtctcaaac ttttggcctc aagcagtcct cctgcctcgg 240

```
cctcccaaag tgctgggatt acaggtgtga gacacggcac aggaatcatt tatttttagc 300
ccccagttct gcaaatttgg cttctggggg ccccccaat ttacagacag ggaaacagat 360
tcttaggcaa catgtaactc acctacgcat cctgaagtgt ctaagtggca gagtgtctggg 420
gcaaaagggtg ccactcgata aacatgtttt aggtgaat 458
```

```
<210> 53
<211> 242
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. AA082041
```

```
<400> 53
cagaatagca tgcaattttt tattgttttc taaatctatt tgtacactta atatgctagt 60
attaatttca caaacagtat aaagaatgta ctccaatgat attacgcggc aactactcac 120
ctgaaaaaga aaacattgtc tctgaaataa ttcctaatta tacaattttg caaataagca 180
ctataaatgt taaaatgtta agacttcagt gtaataatgt caataacatc ctgccttttt 240
aa 242
```

```
<210> 54
<211> 567
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. AA082546
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<220>
<221> unsure
<222> (1)..(558)
<223> n = a or c or g or t
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<400> 54
agagaagacc gtggatcacc tggggacaga ggtgaaaggc ctgctgggct gctggaggag 60
ctggcctgga acctgcccc gggacccttc agccccgctc ccgaccttct cggagatggc 120
ttctgagccc tggagctgga gccagcagc tggagggtgg gcacctgcca ggcagcgcca 180
cagaaccagc cctgtcctct cgacttcctt ccttagcttc atgtgaaata aaagctattc 240
tgggtctcct tgtgtctgct gacagagtaa cccgtttaac tacagcctcc tctactcca 300
cttccatgcc tggaggaagc ctgcaacccc ctccaggctc agacctgggg acacccccc 360
tcctgtcatt tataggggaa gatggagcag ggggttgatt acacagatgg gggggcctct 420
gaattggcct gcttctcaga atgttgacca taggtnaaaa gcaaggggat cgggggttcag 480
gaccancaga atgttttagt aatctgnatg aatgagacct caggatttat gtgtccatta 540
agtgggtgtt gtgnttttaa aaaaaaa 567
```

```
<210> 55
<211> 328
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. AA084138
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```
<400> 55
ggttacaaga ttcttttatt tgtaaaactat acataaacag taaaaaagaa aatgcattat 60
actttattac gtaaagtcaa cattaatttt tgtattgagt gtgtataaat taaatggaaa 120
taattaatca attttgcttt caatgaattg tatactggga aaccagttta cccactgttg 180
aaattaaaga taccaatacg taacattcaa cagggttttt catttttatt atgggcacaa 240
aaccattggg atgatatagt taaaagtgat ggtgtgccaa aatgtctaca caattaatta 300
acatgctaac ttaaatacag cggttaaa 328
```

```
<210> 56
```

<211> 412
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. AA084324

<400> 56

```

tttaggaacc aaattcatca tcattatcac acaaaggcat ttggaaatgt caccttacac 60
atggtgagca catatgggtg ccagcccagag acagcaggat aagtttcaca aaacttgacc 120
aggcagggtta gaagcaaggc atggttcagg atggcagagg gcagggagac agaagggagt 180
aggatgggag agaagagcca gctggaagat gagtcaagggt gtgcaactgg ggagagcagc 240
tctgaatcct gcttctcagt gagaaagttg ctaagatggc tttgcaggga gctgtcctat 300
cgctgctcga gatcagcctg ctgggcctat tgatgataag cagggtctgac cctcttgggc 360
tctgtagcta agcccaaacc ctgctgaaaa tggggcgggg aggttgaggc ag 412

```

<210> 57

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA085608

<400> 57

```

ttagagttaa cataatatat ttattttaag tgccattcat gcatatcagt tctggcagca 60
acaatcctaa tgacacttgg aatattttctt tacagcacta aacagttaca aataatgggt 120
gccgttcata atagaggcaa aatatgaaat cgtgcaatag caaaactgta gaaacattaa 180
aacactgact gtccaacagc agtacagaga gcagggttgta tctgcacaaa aagccaatgc 240
attttcatca catatatata atatagatat gtacacatca ccctctgaat gaacaatatc 300
aaaatactct attccatttg aaattatccc cggattgatt ccctccact tcaaaggaca 360
tctgagcgac acgtatttac aagaacacac atgaatacat ttacatttca aa 412

```

<210> 58

<211> 370

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA085943

<220>

<221> unsure

<222> (1) .. (370)

<223> n = a or c or g or t

<400> 58

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agaaccagc ggtgttctga ggggagcggt tatttcaagc naccgatggg acaaacantc 60
ccaggcttcc caggtgnan tgnccggggc ggcatectca cttccagcgg cctccaacgc 120
ggcccttccc tgcccccttc cggaacttct gggcgtggct gatgcggttg tacagcacgt 180
tgatctcata tttctgctgt ttcagcttcg ccatcaggtc gaacttctca gactccagct 240
ggtggatcca gtccgacagc tcctgggctt tctcccggag ctgttctctc ccatgtgaag 300
tcaatgttca agagggttcc ttaacgctcg gaaaaggaat gcgcaccttc atctcccggc 360
ccccgtctgg

```

<210> 59

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA086264

0960706-092401

09960706.092401

<220>
<221> unsure
<222> (1)..(406)
<223> n = a or c or g or t

<400> 59
tttttttttt tttttttttt tttttttttt tttttttttt tttttccan ggaaacactt 60
ttatttcngg aagtcagaag aaaaacaang ngcacaaact gaatgacaca gagcggcagn 120
tggaaccac aggggctgcc ganagctggc ctttcacagc agaccactgt tttccagtga 180
gaatggtggg ccattccaaa acaaagctaa aggggtccaa acatccagaa tggaagctgc 240
ttcccccaac tccattacct atactacagg atggattgct ttttgtgaga ccccttcttc 300
cactgggcaa ttttnggcat tatttacct cccccgatt tttaaaagct aaaatggcgt 360
cccagggaag aagtgccggc ttggatgcan gcttggggcca ntcact 406

<210> 60
<211> 250
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA091278

<400> 60
gtttgccttc taattgatca tttagactat tctggctaag tctgcccaca tgtaattacc 60
ggctaattca agcgaggaaa aatgtaagtc atttagacca aagccaagca gtttctttgc 120
gtgggttact caagggcttg tgggtacttg tatctcctct atgtgaactt gactttgaaa 180
gacagagctc tagtgtgcca gcctgctaag tcctgtaaga ataggagggg cggaggggggt 240
ggcagtacta 250

<210> 61
<211> 299
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA092215

<400> 61
ccgacatgaa ggtgtcagct gtgatgcatg tttaaaagga aatttttcgag gtcgcagata 60
taagtgttta atttgctacg attacgatct ttgtgcatct tggtatgaaa gtgggtgcaca 120
acaacaaggc atacaactga ccaccaatg cagtgcataat taacaagggt agattttgat 180
ttatactatg gtggggaagc tttctctgta gagcagccac agtcttttac ttgtccctat 240
tgtggaaaaat gggctatcga gacatctctc agacctgtta cttctaaaca tgcagaaca 299

<210> 62
<211> 307
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA092716

<400> 62
gcgagtctgg aactctttct tcggggcccc ggggcacacc atggaggtct cctgttgaat 60
ggcccttggt gccctagagt gggaccacgc cctcacctcc cccagagcta acctgggagg 120
tgctgaaggg gcattgggac accgtaagca agggaaaaag ggcagatcat gcggggagat 180
gaccttgatc tttgattgct accctaacct tgacctttaa cccgtgatcc cccagctcc 240
tggagagatg tctaatatct cttagggacc agaccctaaa ttctctctcc ccatttgatg 300
ttagtgg 307

<210> 63

<211> 309
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA093923

<400> 63
 gtcataatgg accagtcacg tgatttcagt atatacaact ccaccagacc cctccaaccc 60
 atataacacc ccaccctgt tcgcttcctg tatgggtgata tcatatgtaa catttactcc 120
 tgtttctgct gattgttttt ttaatgtttg gggtttgttt tgacatcagc tgtaatcatt 180
 cctgtgctgt gtttttgatt accctggtag gtatttagact gcacttttta aaaaagggtc 240
 tgcacgtggt agcatttgac cacagtggac gcgtggctat gcaggtgatt cctcagtctt 300
 ccttggtct 309

<210> 64
 <211> 271
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA094800

<400> 64
 gcgactgcag aaaaagttcc agaaacaatt tgggggttagg cagaaatggg atcagaaatc 60
 acagaaaccc cgagactctt cagttgaagt tcgtagtgat tgggaagtga aagaggaaat 120
 ggattttcct cagttgatga agatgcgcta cttggaagta tcagagccac aggacattga 180
 gtgttgttgg gccctagaat actacgacaa agcctttgac cgcacacca cgaggagtag 240
 aggccactgc ggcacaaagc gcaccttcac a 271

<210> 65
 <211> 323
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA099820

<220>
 <221> unsure
 <222> (1) .. (323)
 <223> n = a or c or g or t

<400> 65
 gtgacatgtt ttttgcttta ttgaaattct ctcttacaac aggtctgang tatttttaggc 60
 caggcctaatt ttgctttggt ccctgaaatg caggcccatg gtcatttcca tgctctctga 120
 agtaggtatg taaactagta gacttccatt ttttaagggtc acacactttt taacattggt 180
 tttattttgat gtaaaacaag acttatgttg tccctaattg aaagaccaag taagagaggt 240
 atgtgcgtct tcatggaagg gataactgga ttctttgcca gaaccgggtt gggaatttag 300
 tttgttcaat gtggcatctt tca 323

<210> 66
 <211> 431
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA101767

<400> 66
 catttcataa ataatgtact ttatttttatt gcatatggct attaaggagg gcatccatga 60
 tcaatacaga ctaaatacaa tgcactattc tagtccagtt tattctcgtc tccagcagca 120

```
tcacattgac ccctatatac agcgtgtaca gtggaagaca gagcaagata agttaagtct 180
cttgtcatat cacaatagca agaaatatat ttaacatctt gatatccaga aacaatacgt 240
acccaaaaag aaaacactgt ttaataactg ttaaagttta tatagcaaaa aatattttta 300
atttaaggta agtcaggcaa aatgtacaaa gacccaatat acattgtgaa gtttttagcaa 360
acataacatt tatacathtt ggttccattc tgtaaaactaa attaaaaatg gtaaatattg 420
catatgcctt t 431
```

<210> 67
<211> 260
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA102489

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<400> 67
agtctacaag ttcagaccca catgtaacgg atttttgctt catggttgct agaggctagt 60
gtgcattatt tctgaggatt atatccaatg acacgacgca gaaaacacaa atggacggac 120
agacggatgg acataatcat taagacaaga gactctaaaa cgtgccttag tgtccacgtg 180
attgatctaa ggcggggacc cttctaaggt ggggacccga gtgatctaaa gcagggtggc 240
ttccagcaca aggtgcccga
```

<210> 68
<211> 446
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA114858

```
<400> 68
tttttacaca aagaaaaaga ttttattgtc ttcttagtca atatccctgg tgaaattaga 60
ggcatagctt gagactggtg acagtgaac acagaccttc aggagctgct ttgaggactg 120
gcctgcccag atgcctgctg ttaagccagc agccccctca ctccggcccc tgccatcttg 180
acagatggag ctgccatggt ttcagggaca ctcagcaggg catctgggtt ggtccctccc 240
acatggacct tgtaaaagttg ctattcaggg gaacctggta tcgtttcagg caaaacacag 300
aaccatatta gcacttctaa gccccctgcc ccggccgcct ccccggaaca tttgggcttg 360
tcgcacattc caggagggag caggagcaca gctgcagcca cagctgccag gaacaggcct 420
gggctccccg ctgtgtgggg ggaagg
```

<210> 69
<211> 365
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA121142

<220>
<221> unsure
<222> (1)..(365)
<223> n = a or c or g or t

```
<400> 69
tttttttttt ttttcaacaa actcagcttg actttattac atggaagctt gcaggagacc 60
agcgggggaag gcctgtcttg gcaggaactc catggctggg ctggactgga ctgagcagtt 120
gggtgtccag atctgccggg gagaccagat caacagcctg cctcttcagt ttatatccgg 180
aagactcgcc caggtccttg ctacttgggg ccaaggtagg aaacagcctt tcctgttttg 240
ttgagggttg ccancagggt gtctgagctg tgcccaaaag cgatgcagac cttctttttg 300
ggcaaggtca atgttgaact ccantcctcc caagcttggt tgaaggactc tggaaaacgg 360
gtttt 365
```

<210> 70
<211> 564
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA122242

<220>
<221> unsure
<222> (1)..(564)
<223> n = a or c or g or t

<400> 70
gcgacatggt tagaaatact ggtaggggaac caggagtaag aaaagcttta ccagctttta 60
ctacaaatgg atgaaagaca tcaggatccc accaccgcaa gtaaagtgaac ttcccttttc 120
tggaaccctt gtggcacagg agtaccaatt ttcctttcca acgaactgga tttctggata 180
ggcatttttg ctgtatgtgg acagataaga ccacagtcct tagcccaatc ccagctatac 240
agtcacccca atttccacaa atgatgtgat ggtaccgtat aatcctgtaa ttgggaaatt 300
tcacattttt cctgtcctaa tctcagaggt gggagaagca agtctagaac atctccaggc 360
tcagactaaa cgagagtact tggactgcaa ccaagtaatc actgcaaagt agttccaagc 420
agcaagaaat accagattct catggaggct actatagggt acagaataac aacatgaaag 480
caatcaaccc tgtataaata atgttcttgg catttttttt ttattaaaga atccagtnt 540
caaaaaaaaa aaaaaaaaaa gggg 564

<210> 71
<211> 584
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA122302

<220>
<221> unsure
<222> (1)..(584)
<223> n = a or c or g or t

<400> 71
cagattctta tttgccatct caccgagaaa atgagcatgg tatagttttg accagggatg 60
tagccataaa actcgtgagc ttatatattca ccaaggatga agcacttccc tgggcaatga 120
gaagaaacca acacatgcct ctggagtcaa gacatctgtt taagtgtgtt aactggagta 180
ttcttcttcc tgagaagtat agaaaagact atgtatatac tgaaccaatt ctnggaggac 240
ttagttattc attgccagga cttacagaca gcagagcatt acccttggtg gccaatgatt 300
ctcagttaca gaatttgcca ctaacctata ttcttacttg tcaacatgat ctcataagag 360
atgatggact tatgtatgtt acaagacttc gaaatgttgg agtccaagtt gttcatgaac 420
atattgagga tggaattcat ggagctttat cattcatgac ttcaccattt tatttacgtc 480
taggtcttag gataagagat atgtatgtaa gtnggctgga taagaatttt aaatatgtga 540
tgtgtatgta tagcccctac tagtggatgg natttgtgaa atta 584

<210> 72
<211> 261
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA127946

<220>
<221> unsure
<222> (1)..(261)
<223> n = a or c or g or t

<400> 72
 ttaaagtgaag agaaacttta ttttgagtaa tatacatatc attcattcca ttttaattttc 60
 atagctatgc nctatgaaaa tttaatggaa tgagtaatat acatatcatt cattccattt 120
 aattttcata gtgcatagct atgtgtagaa gtacacaggg aagaataaac attagaaata 180
 cctagccatg aaaatataca agtgaagaca tttgatatat ccatggacng gcttggaagt 240
 attataaaac aggatccatt a 261

<210> 73
 <211> 444
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA130349

<220>
 <221> unsure
 <222> (1)..(444)
 <223> n = a or c or g or t

<400> 73
 tacaaaaaac aattgttatt tgtgtacttt taaaacctca cagtaatat ttcacactac 60
 cttcttggtc gaaagttcac actcggaatt ccagagcagt ccatggccag gccactggn 120
 tccccttgct ctctccttggt ctttggtaac cactggcccc agggactcag cctgctttcc 180
 tatccatccc ctccagtagct gtcacccatgc aggttaccctt ttctgtttct tctaccacta 240
 actccatgtc tgactgcaag tgaaaggaac agaagcccaa acctttgggt ttttaaggagt 300
 ttattgctaa tctgtaaaac agaaagagac aggagataag catgacaaaa tatagggaag 360
 aaatgacttt tgcctaaact tccaaactgt gtacaattga agcctccgct ttatagctct 420
 tagcacacct ctcaaataag aagg 444

<210> 74
 <211> 616
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA131322

<220>
 <221> unsure
 <222> (1)..(616)
 <223> n = a or c or g or t

<400> 74
 gatttccatg cactttaatg aggtccagca ctccaggagga ttagcgccca ccaccagctg 60
 cctggggcagg ggagggcccg agcaggtngc aggcgtcagg cttaggacag ggaagggggc 120
 tcaggatggg gaagggctct caggacaggg gaaggggctc agaagagagc agggggctta 180
 ggacaggaag gggcactcag gacggggcag ggaaggtgtg gggggcagtc gccacctggg 240
 taggaagcag tgggtgtttg gacaggaggg gctggctctc cagtgaccca ggtggacacc 300
 ccaggcctga ctccaggctt tttggggaca tagtggtgga tccagtccaa gtagtaggtg 360
 acacgggtgt agatgccagg ccggttgggc tgggcacagc tncgntccca gctgaccacg 420
 cccgcctgta gccaggtgcc attcaccttg cacaccagg ggcctccaga gttcgccctg 480
 gcatgagtc ctccggtgtt cccggcacac agcatgtcgt tcacggatga tgccgacgtc 540
 gtctcccgct taggcgcaa agtgggtatt gcgtcacaaa tgtgggtttcc attatgggga 600
 ccttcactgc ttcagg 616

<210> 75
 <211> 464
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. AA131919

<220>
<221> unsure
<222> (1)..(464)
<223> n = a or c or g or t

<400> 75
 tttttttttt tcctgagtaa tttttttatgt tgtgcagaga caggatccag aactcctggg 60
 ctcaagtgat cctcccactt tggctctccc atgtgctaga attacagccc tgagccacgg 120
 ccccatgccc cgttttttacc agtgtatatt ttctactgga aaatgagact tttagggatg 180
 aatgtggact tgtctgttga aacttgtaaa tttgcttaaa aaaaaaaaga tctccaagtc 240
 ttcacaaaat tttatatccc ccaaggctgc cccatcacaa tgcctgtgaa gcttgactgg 300
 cagacactga ggcctgaagc tgggggctgc aggggggtcac tggctcacc ggtccccccg 360
 taatctgtaa aacatactgg gtgagggagg ctgctggagg acctgaatct ctcccttctc 420
 caggcagtag tgaggcatat gctgntggcc ttgggccaat taaa 464

<210> 76
<211> 417
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA132239

<220>
<221> unsure
<222> (1)..(417)
<223> n = a or c or g or t

<400> 76
 tttttttttt tttttttttt tttttttttt ttttttgcag ataatttctt tattgaaact 60
 atcaggaagt tttactatga aattttacat acatgatgga aagtgggaaga catataccaa 120
 ttatatccca ggaaaaaata ctttaatagt attgttatat agtgtattgg ctaattccag 180
 tggatcctca tctctcactg ctgacattat cnccaatatt tgaattatat ggcagggttc 240
 atttctgtct ttttaagcagt gccactttc ccacttcttt ttggnaggaa atgcagttct 300
 tananatttn gatccagcat gtggactttt gactccacac caaggggcat ctgtctcaat 360
 cattaatttt tcactaggaa ttgncttcaa aacttccaaa ttagcttcag ttttcag 417

<210> 77
<211> 467
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA132453

<220>
<221> unsure
<222> (1)..(467)
<223> n = a or c or g or t

<400> 77
 tttcaaaggg tacaaagaag tttattgact atgatgcagt aaagatacca agagttacaa 60
 tattttgtgca tatggcccaa cagtgcctac cctcctacaa aacaaaaaca aaaacaaaaa 120
 aaggcaatga ggtgcagcag ttaacagccc aacactggag tcaaaggaat ggagctgcct 180
 cttctggcag caaagtttca agttgtgcaa ttaaataata gtcttggtcc actccttggtg 240
 ggtcttctta cagtttccct ttagaaccat aactgagtga cttagtagaa cattcatatt 300
 caggatgtgg cctccagaag tgtcgttttg ttttgttttg aacaaagacg tgctaccttc 360
 tctcttgaag caccagtgtc ggggttcagga gctacagagg actaagatgt tccccaaagta 420
 gcctggaagt aacaggtcac atgggaaaac acaaagcaat tggtgng 467

<210> 78
 <211> 393
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA133756

<400> 78
 ctccatttat tttattttat ttttttataa aaaagcaggc ataaaaatata attacattac 60
 tacgaagatg caacaaaatt ttaaaaaaga aaaaggggtg caattttttt cagagaggac 120
 agctgatcaa atatttataa ttttctaacc catgcagttc attacttatt acaattccaa 180
 acaaaaactca ttattatggg gatgggagtc agggagaggc cccccccaa gcatgatatc 240
 cagcgtgtgc acacagtgtc tatgttcaaa gtgcttataa atgggtgtctt cacagcatag 300
 ggaagctgaa gccttattcc agggaaggag aggtgagtc gtagcagtg ccaatggcag 360
 actcagaaag ctcggcagtg acttgctcaa aat 393

<210> 79
 <211> 398
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA135870

<400> 79
 aaaatttaaa ataaaatttt attttatctt atactcaagt tcagacaata gcatgtggtg 60
 tacattcaaa atttttgaca ggtacagagc acattaaaaa atgaagacat gatcaaggag 120
 atgtaagaga caaatagaca acaacattct ccctgaatct ggaaaaaagc aagcaataag 180
 atcacgaaaag gcagctgtaa aacaggatta ttctgcatgt gttgccca actagggcaa 240
 gggtatctct catcacaagt acaaagccat tgatgttagt gtgtaacaga gagaaaacag 300
 aggatgtgta cagctgagga aataaatggc agatgttaca caggaagcaa tataacatgg 360
 tcattaagta actgtattca accctcaaat ttaatttt 398

<210> 80
 <211> 390
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA135929

<220>
 <221> unsure
 <222> (1)..(390)
 <223> n = a or c or g or t

<400> 80
 aaagatatca attatatatg tatataaaaa aaaaacctca ctttccccac aaaaagcaca 60
 atactgttat cacaaaaaaa atcatcatcc tcataattaa tcctcctagc cagcagggtg 120
 tntttgctgc caaaagatgg gacgacaaat aacgttgacc aggagagacc cctagacacc 180
 ctcgccccac ccacagcctc tccggctgcc gaagacgagg gacgagggca aggcagagtt 240
 ctctgaggtc cccaggcctt caccatctgt gtcagtctgt gtcttctagg acagaaggta 300
 gttgtttttt tttcttttaa aacgtctgtt caaaaataaaa aacaaaagca cagcgcgaag 360
 agaagcgggg aggaacggag gctgcctgctg 390

<210> 81
 <211> 439
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. AA136864

<400> 81

```
cacacagaca cagaatttat ttctggacgc attctgcagg ctggagggtcc cggcagcaca 60
gggctcacac cttgggtttt gcaaacacct cccagccctc cagccggccc atcttgacca 120
gggaggccgc tatgccaaag tacacgcagg cggcgccgca attcccgtag ttgtgcgtgc 180
gtgctcccag agtcaggcct ccgggcagca cccgaggaag tagttcaggg ggtcgtcggg 240
cttctcgcgg acatgggccc tgatgcagggt ggtgaggcca aacacggccc cgacagcagc 300
tgcagtgaac gtgtattgtc caaccttagc cactccttca aggaagggtgc ccggagattt 360
gagtgtgact ctgtaggcag cggcggtcag gccagcgacg ctgaaaataa ctgggtggtgc 420
tgtaggcttt gcggtggca 439
```

<210> 82

<211> 511

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA142858

<400> 82

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tttttttttt ttttttttca aggggaaact ggggcagttt tattgacgat ggcaatgtac 60
aagactccac acctaggtat gtgcacgagg taaggcctga gctcaggcct tatgatcctc 120
ctcaggaccc ttgggggcaa acttctcctg cagtttcttc cacatgcctt tatctatttc 180
cttaagctct tccaagggtg ctgtggacag gatcagcttg tactcttcca acgacaggcc 240
actgaagctg gtgtctctgg ggcgagggtta cttgtgtttg tagtagtttg aatggagtcg 300
cgctaagtct cgtacatctg atcacaggcc tcagggtctgc aacctgggta ttctctccct 360
cccgaaaggc ctgtgctacc cgctgtcgca ggtaagcgcc caagtcccgg ccccgtttgg 420
tctcgtccac tggccattcc tcacagagct taagaaaacg ccggtaccgt gggccgccat 480
ttgggccccg cgtgttcccg cccctcgtgc c 511
```

<210> 83

<211> 434

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA143190

<400> 83

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tttttgaaca tgggaatagg ttttattttc atctcaagaa catttaagtt ggggtgaagaa 60
attcagcttt tggtgttaga atctgacagg cttcaaacac ttgtgatgga ggggttggtg 120
tcatatcaaa gtccacctag taaagtttta ggtgaccagt gactttgtca attaggtctg 180
ctggtcctgg cccaatccct aggacagttt gagagcctgg tgcaatctga gtacgtccag 240
catcttgaat taaacttaca gtcagtccca gcatttttgc atgggccaat aatgcaatca 300
gggttttctt atcaggagct ttgaccacca ccttgggctg gccacagtat tcccattgtt 360
tgagcatttc aggatttctt ctttgaatct gcctgtaggc tgaaacagca gcatgagagc 420
actgggcagc cact 434
```

<210> 84

<211> 599

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA143467

<220>

<221> unsure

<222> (1) .. (599)

<223> n = a or c or g or t

<400> 84
 gcccgcgtgcg gcagaggagg aggagcagca gggagccgac ggggcccgtg ccgaggacgg 60
 ggcgggacgag gccgaggcag agatcatcca gctgctgaag cgagccaagt tgagcattat 120
 gaaagatgag ccagaagagg ctgagttaat tttgcatgac gctcttcgtc tcgcctatca 180
 gactgataac aagaaggcca tcacttacac ttatgatttg atggccaact tagcatttat 240
 acgggggtcag cttgaaaatg ctgaacaact ttttaaagca acaatgagtt acctccttgg 300
 agggggggcat gaagcaggag gacaatgcaa taatttgaaa tttccctaaa gctggccagt 360
 atctatgctt gcgcagaaca gacaggaatt tgctgttgct ggctatgaat tctgcatttc 420
 aactctagag gaaaaaattg aaagagaaaa ggaattagca gaagacatta tgtcagtggg 480
 agagaaagcc ataccacact cctcttgggc atgtgcttag acgcctgtgc tcgtacactt 540
 ctgttctcca agcagccgtc acaggcccaa aggatgtntg aaaagctctg cagatttct 599

<210> 85
 <211> 341
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA147224

<220>
 <221> unsure
 <222> (1)..(341)
 <223> n = a or c or g or t

<400> 85
 aatacatttt cacagtgtgc tgaatgtctt tatttacaag atatcattct atagtgaata 60
 tgaacaaaaac gaatgtgcat ggttgaaata actgcttgat taaaaatgtg ctgtgaagat 120
 gaatcactaa tctttctaata gcaactctgat aacacaataa acatggaâââ atactaatcc 180
 cctaatagat cnaaatatag natatagncc ccnaaatatt tcnggggggat ggattttcct 240
 tcngagggtt cncaaaaagg naaaanggaa atggnttccc ccagccaatg gtttagccaa 300
 atattggggg aaatgccccat tccaatggga aaaaccggga t 341

<210> 86
 <211> 546
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA149051

<220>
 <221> unsure
 <222> (1)..(546)
 <223> n = a or c or g or t

<400> 86
 agaaattagt ttattcttta ttatcacaca gaataacaag aattagagtt aaattcacaa 60
 tatttttaaa gaaaacatta tgtgaagatg attcatttca aaccaccagc caatttaaca 120
 taaaacactt gtcaagctga gtagactggt ttcttatgtg aaccacaaaa tattttctct 180
 gaaatctaca cttagtthaa aaacagagat gggattttgc atattagctt gaaaataagt 240
 atatgatgat gatattaggt gccactagc acctagtttt tacagctttg cattgtcacc 300
 ccatcactgc cagggaccca gcccaggga tacacagatg aaaggacagt ttcaccttct 360
 tggcaaaaaac cttcagaaca attgtcaaca tactctcaaa tgtctttccc actcagaaat 420
 gaggagcaag gtgtatgacn ttagattcaa gaagtatatg gggctaaata tctttaaaag 480
 tttactctg ggacaatgta cttagggacc tactacttac tccaaatagg ggtagtagcc 540
 attagt 546

<210> 87
 <211> 561
 <212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA149579

<220>

<221> unsure

<222> (1)..(561)

<223> n = a or c or g or t

<400> 87

```
atagtaaata tattacattt attctaaaac ttcaaaatta ttctgttttt gtagtactga 60
aaaaaagaca gtgccatttg aaacaacaga tgcattctttt atacattttc acaagtttgt 120
ttttcatatt tttaaaggcc ccatttatct gtaacagtgg tattttttatt tagagtatcg 180
gctacttaat atatacatgc aacaatatat gctttaatag tcattttaact ttttaggaata 240
tttcatcaca ttaagtgggt aagcatagtg ttaaaagagt ggaatttaag gaataagaaa 300
atattgaaaa tacgctgtta ttttcatttg ttcactataa tagaatgttt ttgcccataa 360
aagttatcat tgcccaactg aattcctacc aagaactaac aagtgattct cagtggggag 420
aantttnttt nntnngaata tagagggttc gtttagaaagt gcagatntag gcggggcggt 480
antcacaccg taatccagca cttggaggcc aggcggggcg tcacgangta ggagatcgag 540
accatccggc tacacggtga a 561
```

<210> 88

<211> 420

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA150920

<220>

<221> unsure

<222> (1)..(420)

<223> n = a or c or g or t

<400> 88

```
agcgttgtaa ggtttatttg ggtaggggaag gggacaagtg aggttaactga tccttgcttt 60
gtagacagtg caagacaatt atttgtgggt aagggactgt atgccaacaa acgttactca 120
tgctttagtt aaaactttta gtcacctaaa acagaaacaa ttctnaagaa cactgggtgga 180
aaatagaagt gtaaattgtt cagacaaaac caaggcattg tcagcacgat gtacattata 240
cggcagatan nacagccaca tcctaggcca cagagcagat cccaagagcc ccaggcatgc 300
aggagagttt taaaggaaca gacggaaatt ttaactgtga aaaccacgaa atttcatgac 360
ttttggtcag ctacnacccc aactaatata tgaccattaa gagtaaaatt ctgaccttta 420
```

<210> 89

<211> 426

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA151210

<220>

<221> unsure

<222> (1)..(426)

<223> n = a or c or g or t

<400> 89

```
tttttttttt tttctggatg aatacatggt ctggtcttgt tacaggttct ggtaaactcag 60
atggagaaat gttgttgtag aaatgtcagc aaactttaca gcagtagttc acacatgcag 120
ctactatata ttcattcatt gctattttcc taagaaatgg agcaacctag gagcttatgc 180
```

```

tacagtagat tccaatgaac cataatgact acttcaagaa caaagaagca catncaaagg 240
tgtgatatct tcctgttggg ttgagttttc aaacctgaaa ttcttttaaaa tacattttctg 300
ggatttttatt taaatattga tgcnacacac ctaaaaaagca gtgacttctt gggtaaaatg 360
taatactgaa atggaaaatt gtctttttcaa aaaaataaga agtgtgggtt ggaaattccc 420
cgtgcc                                           426

```

```

<210> 90
<211> 400
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. AA151428

```

```

<220>
<221> unsure
<222> (1) .. (400)
<223> n = a or c or g or t

```

```

<400> 90
cagagagaaa gtgctttatc agccgggctc agcccgacac cggactcgcc aggagtaggt 60
ggtcagcacg cgctgctggc ggcaccacac caggtgtagg tgccctcatt gacggcggtg 120
gcgatgatgc tcaggtgcgc ctgcgccagg gccaggtagc cggggtagga gaactccagg 180
ggctcctggt ccttgtacca gtacactttc cctttcttgt ggaggatctt ctggccgcag 240
cggaagggtc cgcttctgcc ctcggnacca agcctgggtt tggctcctggg gggcggtggn 300
ggtggttggc caccgtgggg aaaggggaat ttcgtagcaa gaaantccgc aagctngctt 360
gggggcaaaa agcttccttt ccantgaagn cccgccggga                                           400

```

```

<210> 91
<211> 502
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. AA151544

```

```

<220>
<221> unsure
<222> (1) .. (502)
<223> n = a or c or g or t

```

```

<400> 91
caggacgagc tgtggggggt gcaccggctc tacggatgcc tcgacaggct gttcgtgtgc 60
gcgtcctggg cnggaggggc ttctgcgacg ctgcgccggc gtcnatgaag aggcctctgcc 120
cagcagctgc gacttctgct acgaattccc cttccccacg gtggccacca acccaccgnc 180
ccccaaggac caaaaccagg ctggtgccga ggnaggaacg tgaccttccg ctgcggccag 240
aagatcctcc acaagaaagg gaaagtgtac tgggtacaagg accaaggaag cccctggaag 300
ttctcctacc cggctacct ggcccttggg cgaaggcgca ccttgaagca tcatcgccaa 360
cgccgtcaat gagggcacct acacctgcgt gggtgcgccg ccagcagcng ttgetgacca 420
cctactcctt ggcgagttcc gtgtgcgggg ctgagcggtt tgaataaagc aatttctctc 480
tgaaaaaaaa aaaaaaaaaa ag                                           502

```

```

<210> 92
<211> 285
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. AA152200

```

```

<220>
<221> unsure

```

<222> (1)..(285)
 <223> n = a or c or g or t

<400> 92
 tactcttccc tcctcattta ttttggaatg tgctagaaac agcttgaaac atccctttaa 60
 tagcttcccc gcctcacgag tgttgaaatga catgacgaat tctccttcat agaaggtaca 120
 ggtgaaccag aactggaggg gcatttgagg tccttccttc ttcagaaagt gcgatcgcat 180
 caagatgcat gtgggttttca gtagaactgg cccatgtttc ttggggagcga ggtgtccaaa 240
 ccactgttca tccatatttc cnggatgatt tgctcccngg gctca 285

<210> 93
 <211> 473
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA152408

<400> 93
 tgattctgga aatattttta ttaggttcca ctttaaaaaa aaagtagctt ccttatgacc 60
 tccacagtga gtacattaac tacattttca caaacagaaa acttacatac attcaactgt 120
 ttacaagaca tgtctccata taacacattt acattcatgt gaaatctatg aacttcttta 180
 attgcatata tttatgactc ttacatctgg taccttttta aacagctaac atatagtatg 240
 cttatttcct ataagttaat taatatatga ctatttaagg tgagaagagt ctcatttgaa 300
 gaattacaat agttatatc ataccatggg aaatcaatag tttttctaaa cataaatttc 360
 aagctaaagc ttttagcaatt taagttattt aactaccaat gcatgaaatt cttatcagat 420
 tgtcccattt ggattacagt ttaagtcatt tcaagctgtt cacaattatt tgg 473

<210> 94
 <211> 528
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA155958

<220>
 <221> unsure
 <222> (1)..(528)
 <223> n = a or c or g or t

<400> 94
 acccccgcag tttccaggat ttctccacc tgtacctcca gggaccccaa tgattcctgt 60
 accaatgagc attatggctc ctgctccaac tgtcttagta cccactgtgt ctatgggttg 120
 aaagcatttg ggcgcaagaa aggatcatcc aggcttaaag gctaaagaaa atgatgaaaa 180
 ttgtggtcct actaccactg tttttgttgg caacatttcc gagaaagctt cagacatgct 240
 tataagacaa ctcttagcta aatgtgggtt gggttttgagc tggaagagag tacaaggtgc 300
 ttccggaaag cttcaagcct tcggattctg tgagtacaag gagccagaat ctaccctccg 360
 tgcaactcaga ttattacatg acctgcaaat tggagagaaa aagtactcgt taaagttgat 420
 gccaagacaa aggcacantg gatgaatgga aagcaagaag aaagcttcta atgggaatgc 480
 aaggccagaa ctggnactaa tgacgataag agccttgatg agaacaag 528

<210> 95
 <211> 379
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA156064

<400> 95
 attactatac catttatttg atgaattaat caatgttcaa atggaagagg ttttgacaat 60

gtcactatgt ttgatgttta tacctgccct gaatgcttgc tcagaagaga aacagatttc 120
ccagtatttt ttataactta ctttcccatt gtcttcaatt aatttgctat tatcccaagt 180
agacagacaa cttcagtagt agccatctcc ctacattttt agatcactga aaaaaatgga 240
tgagcaaccc atgaaaataa ctagcttact gaaatgcttg tcttttaaag aaaagtggg 300
attattttaa aaaaaaatg gccaggacc agttagctag gagatctggg agagagaagt 360
cattgccttg gttctgaca 379

<210> 96
<211> 457
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA156565

<400> 96
atagtaaata ttttaattgtt tccatcagca attccagcac aagttttcct ggatggtagg 60
cagaatcaag ctacccaagg gttcatgatg aggtatgggg gtcactgagg agacccccag 120
agtcactgac ccctcccggc acctccacac accagggtggc cctgcagaat gaggggtggg 180
ctgatagaat gtcaattagg ggagacagga tacagggtga gggaacaggg tctagcttgt 240
atatttgcct gcaggaagga gggagggcag gagagactct gcatagaagg actggaacta 300
cacattttaa ttttcaaccc caatatgcag ggggaaacag ccaagccact ctccatctgt 360
ctagtattag gaacctctct tcaagtgggc ttttgtcatc tctgttcttc ttcccaattc 420
tgtattccag attccaaatt ctacaattga aacccaa 457

<210> 97
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA156897

<400> 97
cagacatgga aatataattt taaaaaattt ctctccaacc tccttcaaatt tcagtcacca 60
ctgttatatt accttctcca ggaaccctcc agtgggggaag gctgcgatat tagatttcct 120
tgtatgcaaa gtttttggtg aaagctgtgc tcagaggagg tgagaggaga ggaaggagaa 180
aactgcatca taactttaca gaattgaatc tagagtcttc ccgaaaagc ccagaaactt 240
ctctgcagta tctggcttgt ccatctgggc taagggtggc gcttcttccc cagccatgag 300
tcagtttgtg cccatgaata atacacgacc tggtatttcc atgactgctt tactgtattt 360
ttaagggtcaa tatactgtac atttgataat aaaataatat tctcccaaaa aaaaaaaaaa 420
aaaaaaaaag 428

<210> 98
<211> 418
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA158132

<400> 98
tttttacaat tccataccac caccacatct gttctgtgct tttattttac gaaaaagcta 60
atggcaaatc tacattaaac taagttgaat acaaagtctt agtgaagaag gcctgggtgg 120
ctcgtttata aaaatggcca gtgtcatatt tgggcttaaa atttcaagaa gggcacttca 180
aatggccttg catttgcag ttctcagtgct agagcgtagg aatagaccct ggcgtccact 240
gtgagatggt cttcagctac cagagcatca agtctctgca gcaggtcatt cttgggtaaa 300
gaaatgactt ccacaaactc tccatccctt ggctttggct tcggccttgc gttttcggca 360
tcactctcgt taatgggtgac tgtcacgatg tgtatagtac agtttgacaa gcctgggt 418

<210> 99
<211> 602

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA158262

<220>
<221> unsure
<222> (1)..(602)
<223> n = a or c or g or t

<400> 99
ggctcgagctc aggttctgct tgccgggtgc ccagtgaagc cgacagagcc tcgagtgctt 60
gatcactcat tgtatccttc tccacctttc ttttcttctc ttgggggtgga gcagcacttc 120
tgactgtccc tgctgactga gcttttaaaa cttctgtaga ttctcttttt tcagttttct 180
ttccagcagc tgtaggcgac ccacaggtga agtcagatga caaggcgtct atagcatcat 240
ctggccctat gggtttagcc aatagttccc tatatttttg aggaattgtg acttctcttt 300
taccgaattc ctctatgtag gtggaactca ttggatctga aacttctggt ccagtatacg 360
ttgtattttc ttcttcagtt tcttcaggtc ctccataaagt atctattaag tcatccaaag 420
cagcatccat gctgacttt cccgatgggt tatccgggtt agattcaact ggcacagctg 480
gggttaaatga tttcttttct tttttcttgt canccggctt gcagatattg cagtataacc 540
agcaacantc tctccaccag cagaaatcat gtcttgtggg ttagtctttg ggtcnggtga 600
tt 602

<210> 100
<211> 392
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA159025

<400> 100
ttgatgtcta gaaacatctt ttatttgggt aacagggtccc aaaacaggtc agttaataaa 60
atagattcta aagaatatgt ccctatgcac agccctccct ccccaaaaat aacgctgggg 120
gtaggcattg cctttccccc ttgggtctct cgggtgtatt taaaaaaatg ttttggcagc 180
tcagtgttta tcatctgggc atgggacacc atgtccatgt ccccatattc ctagggtaca 240
gcagcagtag atggctgcaa caaccttctt cctaccccag cccagaaaaat atttctgccc 300
caccacagga tccgggacca aaataaagag caagcaggcc cccttctactg aggtgctggg 360
tagggctcag tgccacatta ctgtgctttg ag 392

<210> 101
<211> 478
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA165116

<400> 101
tagtggttaa ttttattgaa tgctttctcc gcatctgatt tttcttcttt aatatgatat 60
gtttcattaa tattctgatg ttaagcetta tattcccagg ataagccctt cttgggtcata 120
gtagaggcag tgtgtctgtg tctgtgtgtt ttgttcagta tactgctgga ttcagtttgc 180
cagtatgttt gcctagtact tttatttagg atttttttgc atgtacattc ataagaaaga 240
ttgatctaaa attttattgt attgtccttt tccagtgttt caggacaata tcatagcctc 300
ataaaattaa atgggtagct tctgcaact cttacctttt ttctttttct tttcccttcc 360
agagacatga tctcactctg tcaactcatgc tggagtacag tgctgtgac atagctcact 420
gcagcctgga actcctgggc tcaagcatcc tcctgcccc accccccaag cagcaggg 478

<210> 102
<211> 472
<212> DNA

09960706-092401

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA165231

<220>

<221> unsure

<222> (1)..(472)

<223> n = a or c or g or t

<400> 102

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tttttttcat tcatcagaca ttttaatgag acccaatctg atatgacccc ttcttggggg 60
tagctcatca tccaaggaga aacaaacagt tacaatgtta caatgcaact tgctaaatat 120
tgaacagagg taattacata aagctgtgtt cccccagctg ctcccctgct tgtgctgaga 180
tcaggagagc tgtaggaagg agccacaggg gtaaaggatg acccactcca gctgttggaa 240
tatgagatga gtcacatctg gaaattctaa tttggtgcag ctgccaaggg caaagtggta 300
ggccttggtc acatttaact cggtaaagct ttatgaagca cctaccaggt gggtgccatg 360
gaggtggatc agattgagcc acgctgctgc cacctctgtg gagggaggct ggcattggata 420
caacttgatg actatagact ctctctctct gggnttcagt tccctcttct ta 472
```

<210> 103

<211> 476

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA165312

<220>

<221> unsure

<222> (1)..(476)

<223> n = a or c or g or t

<400> 103

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tcgtnnctc ggttctgaga aataggcact ggcaatttac acatgccttg ctgtgtaatc 60
tcactatatt tgctcaggca aagtgggaga agcagcctta ggttttcatt ctagagatgc 120
cggttttccc acctgatcgg cttagagttc acgattgact gttttgggct tcatttcacc 180
ctctacataa caagcgggtg gactagatgc cttagcaagg gtccgtgttg tgtggtgtct 240
ccagccacgc actcagctca atcttagcac agttaaaaaa tgcctttcta gcaagttatc 300
tgcccagtcg ctgaaaaagt atcatttctt gtgttcaata aaaaagcctc ctaatttaat 360
caaggaccta tggagataac tgtcttttag ttgtggcatt gcaaggatac aaatgcagag 420
atatttttaa agtgatcctt ctgtaagagt gaaccacga tatgatctgg nagcaa 476
```

<210> 104

<211> 479

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA165313

<220>

<221> unsure

<222> (1)..(479)

<223> n = a or c or g or t

<400> 104

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tagcattagg attcttatag tagttattgt ctacatttct cagcagattg aatattgtact 120
gcctcttact actggactgt ttattcttaa atgtgtacag tatggattta tgtcgtctat 180
atattatgca tttatttgtc ttcttcgttg tgatggtaag ctccctggagg gcaagtcttg 240
catccactgc tttgctggca acccgactgg taagcttctg gaaggcaagg cttgcatcca 300
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gtgcttttgct ggcaacccga ttgctaagta ccggtgtttta agcttagttc agtctcaagt 360
gtttgcagcc acatctgaag accaataaag caactgctgg gtttatcccn tgggagctga 420
cagaatttcc tctcccaa at accatanaca ggaaaatcat aagcctgaat taccgggtg 479

<210> 105
<211> 347
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA169837

<400> 105
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gggacccccg gcggtgccaca cgatctagtgt gtgggtgctgt ctgaactgga gccacagta 180
accgcatgtg ccggtttttg tttctttgtc caagtttata tacacttttg ggtggccaag 240
agctcccccg ccgcatcgc acgctatcac ccgagtctcc acctcgtca cgggctgctc 300
tgctatcaaaa tcaatggcaa agttttcatt cacctctttc tgacgac 347

<210> 106
<211> 298
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA171939

<220>
<221> unsure
<222> (1)..(298)
<223> n = a or c or g or t

<400> 106
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tctcagggtc accagtgtgt gaaagatcgg ggcatgccgg ccacaggggg aagcagggtt 180
caggctgccc cacctgggtc tggccttggc aggcgcccc tcacctgggt ctgctgtggg 240
anccgagaac aaagacatna cctgcctggc tccgtgctgcc ccgggggggtc agcnagca 298

<210> 107
<211> 420
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA172188

<220>
<221> unsure
<222> (1)..(420)
<223> n = a or c or g or t

<400> 107
atttaagaaa gaaattttac tgtgtctttc atacacaaaa gctgattaac aatgggttaaa 60
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caataaagct taaagttcac tctaggtaat agttgcatta acattcacat acacaagcac 180
agagtaagta tatttcagga gtcttagcat agcatacagc atacatatgg gagattgatt 240
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ctaaacaaaa gagaagggtg aggctagcac accaagacaa gtcacagaat tagtagattg 360
aaaaatctgc tcaactgtatg agaaaacaat atttttcttc natttttggg tcntgatatn 420

<210> 108
 <211> 596
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA173223

<220>
 <221> unsure
 <222> (1)..(596)
 <223> n = a or c or g or t

<400> 108
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 tgctgtaaga tgatcaggag ttagtatgaa gtattcttct ctacgcacca aagaaaacaa 120
 acaaagcaaa cttcaagtca gtgaattagt taccacagtt aaaatgcatt tgattttgtc 180
 ctttttcttt ttcacaagaa cgacagctga atactctttc atgtgatgcc tgatattttt 240
 ctttttcttt ttctctcttt tttgagacag ggtctttaag atggggcttc gctctgttgc 300
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 gtgattcttc tgactcagcc tcccaggtag ctgggattac aggcattgtg accgtgcccg 420
 gctaattttt gtatttttag tagagatggg ggnttcacca tgttggccag gatgggtctg 480
 aactcctgac ctgaagtgat ccacccgcct cggcctccca aaagtgtctg ggattaccgg 540
 tgtgagccac tgtgccagct ctgatggtga aaatttcngg tacaggccta gcccan 596

<210> 109
 <211> 408
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA180314

<400> 109
 ttagcaaaaa cagctttttt attgtggtag tttgtggtat gtgctcctgg atcatgcaga 60
 aaaaaggctg ggctcagtt agctccggga gccattctta ggaccctccg gctgcacaca 120
 gagaggggct gggtagctgg ctgggctggg gcacgcattc actgggctgg cacaggctga 180
 ggggtctctc gccactatc attaggcccc tccagcccggt tatgctcagc ccccggtca 240
 ggatgctcca gggcgtgccc ggtatcagcc tgccagagct gcaccaggct cgtcgggggtc 300
 tttcctgcca ggttcttggg catcatgtca gccccatgca ggagcagcag tttgatgatt 360
 ttgtagcggg tgagcctcac agcgtcatgc agggcagtat ccctcgtg 408

<210> 110
 <211> 479
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA182030

<220>
 <221> unsure
 <222> (1)..(479)
 <223> n = a or c or g or t

<400> 110
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 aaaaaaacac aatgtatata ttaataaatt aagtgggcct gagtattcag tatccatcta 120
 ctagaatcct aaagctcttc cccagatttc acaaaggcca atgtagatta tttctatttt 180
 atcaaagttc atttgcacag ttggtgtaat tgagatacta acatttcttt tttctagtgt 240
 tttaaagata gttcacagta tttgagttaa ttaattaatc aactgattta aatctttggt 300

aaatacaagt atttaccatgt aaaaatgttt agctcaaatt tcagtaaaaa actggaaatg 360
 accaataaacc tactgccaac tgtttttggt taatccagaa atgcatgagc cggactccca 420
 ccattaagaa atggcactgt cnaggacctc ngatgataaa actggaatcc ncaaaaaat 479

<210> 111
 <211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA182882

<220>
 <221> unsure
 <222> (1)..(313)
 <223> n = a or c or g or t

<400> 111
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 tccttgccctc tgcccttttc acctccccct cctctccagc ttcttctgcc tagagcgctc 120
 cagattcccc tcacattttc ctggatcagg gccactcctc ccaggcacct cttgccctca 180
 ccagtacctt ttgtcccttc tcttgggggt gaggggtcctc agctgtgctg gncccaact 240
 ctccaccctt agtgccact gtctctgcca cctcccttt ggaactcagg gggctcaggc 300
 atcctggcct ctg 313

<210> 112
 <211> 258
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA188981

<220>
 <221> unsure
 <222> (1)..(258)
 <223> n = a or c or g or t

<400> 112
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 tcttcattct tcagaagact taattagagt agctttcttc tcatacttat ctctaacttc 120
 tttaatatct tccgagagat cttctgacat gcattcntca tattctctat caacttttagc 180
 aatctgctcc tcaagatgtt tctctacaga cccaacatgt gtagcaacca tctctaacag 240
 acgttgcaag ttaatttc 258

<210> 113
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA189015

<400> 113
 ccagtgtact atttatttcc tcaagtgtt ccatggggga aaaaataaaa gtctaataatg 60
 ccagagaaat catcattgaa ccaataagac acagtaacat aattctagta acctacttct 120
 caatgaacac acatctgaga aaaaaaccgc cagtatttta ttctcatgga aaaacagAAC 180
 aaaccacaa gttggagtca cggagataaa atacagatga aatggaaaac ggtctgttgt 240
 catgaactct cactttcaaa taccatttta tatggaagt actttactgc ggggcaaaca 300
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<210> 114
<211> 506
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA189083

<400> 114
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tggttggtatg tctttgggag caggatggag cccagaccca gtggttacag tgtggagctc 120
tctccctgtc ccttgactct ggccaaggaa gtgaatgcaa agcagcagg aggaggcagg 180
gtggggagcg cctctgagc tctccgcgat ggctggcgtg aggtgcctct gagacttctg 240
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agcctcccg cagtaactca gaggccgctc agagggcagg gttgggggtg gcaagcagcg 360
ggacgtggtc acagcgggta gggggtggct gccgcagcag ggaaggccgg cgacacagct 420
ccccgtccc gagcacctcg ggcaggagct tgcgcttggc ctccggaagc agcataatgc 480
tgaagaatgc agaagagggc gcaagc 506

<210> 115
<211> 484
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA192553

<220>
<221> unsure
<222> (1)..(484)
<223> n = a or c or g or t

<400> 115
ttttttttgt tcttactccc acacctaagg tggaanttct tttattgagt cataataatt 60
tcccggagaat tccgagtcct gctacttttag gttcttgccc aggaatccac ctcttttccc 120
ccaagcccaa caatcctttg aggtactcat gattgagcgc gtggtggggg ggggtgggga 180
agaggctgca tgggggtggg gctcctgtgg ctccacgtca tccactgtca cctctggtcc 240
ccaagtctct ggatcctttg gtctcacctc tagacaaccg gcgggggttca aaccttcttc 300
cctggcaact cctctctgtc ccgacaaaat ctctcccaag gcattgtcct tgtagttaga 360
tttacacaga gcttttgctt ttataaagtg cgttcatgcc cagcttctca cttgcatgtc 420
atagcaccac tgggtgaggtg gacagggaag ggatggctcc ctccattttg taggaaagtn 480
gggg 484

<210> 116
<211> 513
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA193197

<220>
<221> unsure
<222> (1)..(513)
<223> n = a or c or g or t

<400> 116
tttttgaatt tgactacttt tacttacaag agacttttcc ccatcaaacg atttcccat 60
ccatttatta cacttctgaa gtaggatttc tgaagtcac ttatggcatg taattcttag 120
tataatgcac aggattcctg tcatatttgaa gcacgaggag aggtttttga tatcttaaac 180
atttttttag tgtagatgca catattctcc acttccaatt gtaatagaaa atcagtttaa 240
ggatacccta atgatgcaa tgaaatgatt agcaaacaac tcaaatttag gagccttctt 300

tacaatccat tgagtgaac agattcacaa aataatttgt tcaactgaag atttaattta 360
 ttattagaaa atgggttttaa actctgatca ttacattgaa gagtcaatga ctgagggttt 420
 cttacctact ggctcatctc ttagacaata acttcttgaa taatttcnac atgagtgtct 480
 gtacaagctt ttaaaaaacc gaataaatta aag 513

<210> 117
 <211> 499
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA195678

<220>
 <221> unsure
 <222> (1)..(499)
 <223> n = a or c or g or t

<400> 117
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 aaacaagtga aaagggtcaag atacaaatgt gtattaaaaa aaaaaagcct attaataagg 120
 tttctgcgcg gtgcagggtt gtaaacctgc ntttatcttt taggattatt cctaaatgca 180
 tcttctttat aaacttgact tgctatctca gcaagataaa ttatattaaa aaaataagaa 240
 tcctgcagtg ttaaggaac tctttttttg taaatcacgg acacctcaat tagcaagaac 300
 tgaggggagg gctttttcca ttgtttaatg tttgtgatt tttagctaaa gagaggaac 360
 ctcacttaag taacatttgc acatgatata gcaaaaggag ttcattgcaa tactgtcttt 420
 ggatattgtt tcagtactgg gtgttttaag gacaaatagc tgctagaatt caggggtaaa 480
 tgtaagtgtt cagaaaacg 499

<210> 118
 <211> 512
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA196549

<220>
 <221> unsure
 <222> (1)..(512)
 <223> n = a or c or g or t

<400> 118
 tttaaaagta tcaaataatt ttattatgaa agataagcca tttattgacc attcactttt 60
 ctaaaaaaac acaaagtga gaataaaata aacataccta agactnactg gcccctccag 120
 gacaggaagc agccctggac angagagcct gcaaacggag ttnccttatg nnnaatgtct 180
 gaacttctca tacattctag gatttcatgt ttcgttacaa aggaaaggaa actggctaga 240
 agattcatgt acaagaaggt cacaacttta aagctatctg acgctaata cttgtacaat 300
 ctggtttgca aactctgaga gacagtatca aataagcact gttcaaagac tactcccagc 360
 taatccttta ctgtcatttt ctctttgaaa ttgtcttttg gactggntat gtnctcactg 420
 tagcttccgt ttatcccaca gcccacaaanc octanagtcc catggtgcag tctccatgtt 480
 caaggtataa aagtctgttt tcaggacaan gg 512

<210> 119
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA197112

<220>

<221> unsure
<222> (1)..(463)
<223> n = a or c or g or t

<400> 119
aaagtataaaa gtgttttggg aaaaaaggaa aaaaatctat ataaaaatct cttcacatat 60
aaaatcctga agaaggtgca aggtgagacc cagtgcgagg ggctgtgctca gatatgcagt 120
gtgtgtgtgt gtgtgtgtgt gtgtgtatcc gtgtgtacat gtgtgcacgt gtgtcgtatg 180
tgtctgtgtg tctgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtggtgg gtgcaagtgc 240
acgtgtggcc cacagagggt ggggagaaaag cttggctttt tacttccatc caggagggaa 300
ggagggcgcc tggctcctcca gccttggagg gtctgcagct gggcgggacc tctactcagc 360
caggctgttg cgcacgcact ccttctcctg gagggcggcc atggcaagac gcaggtgctc 420
cttcagctgc tcgatctccc gctcagaccg tgtctngatg tga 463

<210> 120
<211> 512
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA205072

<400> 120
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aataaacacc atcattcctg agtccacaga taagggtccc ggagaagggg cttccctcc 120
tttctcgtg ggttgacgtt cccagcgagt gaagcctttt ctggaatgtg tgtacgcacc 180
ctccaccaag agttctaata agctaagctt aaagcagaac agtgaaatgg caaaactgta 240
cagagccctg actttacatt tcaactctgac agccagggtc ggaagcacca catggaaagt 300
gctgtccata actgctcact tacctgctcc ttgctgacag ctcccaggat ctgggtccag 360
agagtggcaa aactgggaat tttgccaagg gaaattactc aggaccgcta ataaaaacgc 420
cggtctctgc aacatgcata ttccccagc cccacctcc atcttgccca gggcagacca 480
ttcattaact atctgcgggg tgaacaaaga at 512

<210> 121
<211> 404
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA205376

<400> 121
aagatttgaa ttttttttat tatcccagca aacattacac tagagaaaat gattgggaaa 60
atacaaataa gttcattaaa aacacagggt gattattcat atctattaca ttcagaatta 120
tgcgaaacaa ttagttatat tgcaaagctg taattctttt tctaacaaag catgatttta 180
taaaacttta atgttgccac tgattcaatt ttaatacaaa atacttatat acacaatata 240
atataaaagt aaactgtgta gtgccttcca caaagggata tattaaggcg ctttacaat 300
ataccaatat tttgacccaa attacttttt gcttttagatt aaaatgaaca ggctaaatgt 360
tccactttaa ataccaaagg gatggtttat taaaaatttt ttat 404

<210> 122
<211> 282
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA205460

<220>
<221> unsure
<222> (1)..(282)
<223> n = a or c or g or t

<400> 122
gattttattg gaaatacggg tctagagcta gtggaagaag ttatatattag gagtcattcca 60
caaagaggct tgagaaacaa atgaaaatgt attgagaagt gcatagagaa caatgttnag 120
ggggctgtgg ggaaaaaaca acatttggaa gataactgaa ggaaatcata gaggaaaaat 180
agtacaatct aatttttctc cctaacctga aagcaaaaacc acttttaata ctaaganttt 240
attatgatct ctccatgata ctaccatttt ttcaatccca ac 282

<210> 123
<211> 523
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA205724

<220>
<221> unsure
<222> (1)..(523)
<223> n = a or c or g or t

<400> 123
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tggaggtagc tgcaaggaga atgtctcttt ctcatgacaa ccaaagcgac caaaccatac 120
cctaaagcag agacgcaatg gaataagtca acgggcattg tagaacgaca ctccagaagca 180
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gggttagttc ttaaagcaaa aaacagaaga aaagtatgta tatataatan aattaaagaa 360
cgatagcatg ttatacctgg aaaggaccgt gggcactaat ctgcactttg ttccaggtaa 420
tccatggctc tgagagttag cacactgtca aagtcactgg ggtgagatga gccgggactt 480
ggaaaaccct ctcttaactt tcagttctca ctctccccc tcc 523

<210> 124
<211> 449
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA205947

<220>
<221> unsure
<222> (1)..(449)
<223> n = a or c or g or t

<400> 124
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aataacaata cgccacatac gggttcagaac caaacaaaag ctgcttagtt atttattttg 120
catttgcatt ttgttaggaag tgagaaaaaa acagctctat tgggactcaa gtttattttc 180
aattaaaaat ccataaatt aggaatgtc ttataaaacg gagaaattgg aaaaaaatgt 240
tattcagaaa aaaactttct tgagtgtgct tgtttctgt agcaccttg attttgtgat 300
cagtctttta aagatatttt ttaaaaaatt caacctctgt cttcacattt aggacagggc 360
ataacagtgt cttgtccttt catgcaaaata agaggnaaaa tttatacttg cntagttttg 420
agcattgaaa gcactcgccc caattctgc 449

<210> 125
<211> 416
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA207103

<400> 125
 acgatatgtta cttttgttat gtatttttacc acaatttttta aaaagcaaac caaaaccaac 60
 caagagtgtc tccccacac ctcaaaatca tcctgcagca gctccctggc ccagctctct 120
 ctccacctga ccttgggccc ctctcccacc acccagggtc agccctgtgg accaaccatc 180
 tctgccagcc cctccccgac cctccagcca gggagggtgg gcgctggccg gtgaatgggg 240
 caggccaggc ccaaaggctg gccaaagggt caccagctct ggactgggag tcccgctctga 300
 ggtgggggatg accaaccatgc cagctctggg ttttagcttg aggatgggca cattcaagca 360
 ctgacagcca gcaagcttgg gcacaggggc atgcttaacc tttaaaaaat cgggta 416

<210> 126
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA211300

<220>
 <221> unsure
 <222> (1)..(437)
 <223> n = a or c or g or t

<400> 126
 tttttttttt tttttttttt acaatctgga atatataatt ttnattagtt ctcagcagtg 60
 cagtaaatga acaacactta ttaataatta atttgggaga gaatagcagg agggaaaaata 120
 taaacagtag ctttttgtga ccatttttta gtagctgaca tctcagtagt tttctggaat 180
 gaacaaatta aggggtgtatt gtatatagtg atttaaataa tcagctttct tatagtctta 240
 tcaactgaga ttataaaatt gtaaacacaa tttttccatg tttacatcta ctagctttca 300
 ttgggacaca ttaaaccata cttttccatt atgtagttaa ttcattttctt gagtgcctgc 360
 ctgccattag atgccagggtg cttatctaat tttccagtta gttactgttc agcttaagtc 420
 actctacttg gttggtn 437

<210> 127
 <211> 587
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA211443

<220>
 <221> unsure
 <222> (1)..(587)
 <223> n = a or c or g or t

<400> 127
 catttagtca aatattttatt tgaactcata caaagtttag tgacataatt taaaagggtga 60
 agaactaaaa cgcattccaa atattgacca aaatactgta ggaagtagct tgggaaactt 120
 ttcataaaaa tcgttaggca cattgccata tcattctcca taaaatcata tccctcctca 180
 aaaccacacc ctccagggtg tgaatttatg ggctaatttg ttctgtgagg tgccaaaaaat 240
 gaagataaag taagaaatac agccaactag aaggaagaga tataaatgta caaacaggcc 300
 atttctgcta gagtctcagg cattcaggag gttcacaatc atcatacaaa tatataaaat 360
 ttttagtgagc tattgaatcc atcttctgcc tctttatttc ttcacatcaa tccttttttc 420
 ttcctactac tggtcagctt tggggacata ttttaggttc acttttaata ttctggattt 480
 ccgatagatt gactgcaggc ccgggaggtt cctcgctccn ggaattggct tcttctcctc 540
 atccgagggtg ggaggacacc ctctccact tcgggggaca ttctttt 587

<210> 128
 <211> 348
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. AA211835

<400> 128

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tcctcccgcc ctacacatag aaacctgggg tcacctccct gtcctcgact cactgtgtga 180
cttcaggcag aggtcaccac cctctctggg ccctttcatt ctctgctatg gactgagtgg 240
gaccagcttg gatcaaaatc ctcaaacctc atacaacact gtcagcagct tttcctgtat 300
ctgcctgtta cctgaactat taacagtttt ctttaaattg gtcctttt 348
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<210> 129

<211> 382

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA214688

<400> 129

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ggggcccatc tatcctggac acggcatgat gttcgtccgc aacgattgca aggtgttcag 120
attttgcaaa tctaaatgtc ataaaaactt taaagagaag cgcaatcctc gcaaagttag 180
gtggaccaca gcattccgga aagcagctgg taaagagctt acagtggata attcatttga 240
atttgaaaaa cgtagaaatg aacctatcaa ataccagcga gagctatgga ataaaactat 300
tgatgcgatg aagagagttg aagaaatcaa acagaagcgc caagctaatt tataatgacc 360
agtttaggaa aataagagct ca 382
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<210> 130

<211> 477

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA215379

<220>

<221> unsure

<222> (1)..(477)

<223> n = a or c or g or t

<400> 130

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acttttttagt agagacaggg tcttgaaatg ctgcctaggc tggctctaaa ctctggcct 60
caagagagcc tctgcctct ttttttcctt ttaaaataag aactatcact gttttcttct 120
ccttcctttt tttttttttt ttttctctag caactattgc caccctggcc ccaaaagtta 180
tttatagagt acattggtag taattatact tacaatttag tccatggagt gcaggaccat 240
gaggaactat agctagataa gattgtgcca gaattagaag aatagacatt ttactttcag 300
agaccatgac taaaagaata ttaacaccaa gatgtcctt ccatcagctg gatgtacctt 360
tggtgcttga aagatggcaa gtataggagt tgtactggaa cggctggatc aaatagggtg 420
aaggcatttt tgtcattgta catgtgggga aaagcaacca agtaataaga cnccacn 477
```

<210> 131

<211> 398

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA216589

<400> 131

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cacaaaattta agtttggttt atatatttta ttgacatggt tactcaatgt ccacatcatt 60
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ccatctgcat cgtcttccta caaacagttt ttcttctact attcggttat ttctcctttt 120
tttgtttcct atttcagaat caaatttatt ttacttgcaa agtcagtgga atatggtttg 180
gaaccagtag ggcctctaac ttaagcccag aacctgtcaa agagaagtgc agtatcattg 240
ctaagacttg aacagtttat ctctcagaat cttcagttcc ttggaatttc tcagctctta 300
gtgtaactctg ttttatgtgt ttgttgtaga cttccattta tgggatagat ttccaaaata 360
attttgggta atccaactgg gtatttttagc attccccg 398
```

<210> 132
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA219100

<220>
<221> unsure
<222> (1)..(378)
<223> n = a or c or g or t

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<400> 132
tttttttttt atgcttgaac taattttattg atgagattct catttctgta gtataaaaagg 60
aaaatatattt gcagttatct cgtatttgaa agactttgcc atagagaact ttatcagaaa 120
tggatgaact tttcattatt tcttataagc atattggttt tggcctgctt gagtttaaaa 180
cttttttttg tagacntaga atgttaatat ttagataaag aaaatatattt acngaagaca 240
ttaccagaaa gtaaaataac ttgaacattt cngtatttagc ncnttatcag agaataacat 300
ttatttttatt tggaaagttt tccnaaatat gagacnatch gcnatttctc agacnaagtg 360
aaaaatttaa taaaatag 378
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<210> 133
<211> 444
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA219304

<220>
<221> unsure
<222> (1)..(444)
<223> n = a or c or g or t

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<400> 133
gcttgggcaa aagtcttcag aacaaaggct gtgagcaggt gttgccctgg ttcttgccat 60
atcgctcccc aaagggtgctg taggagccat catagtgttt gtagttcaac tgtctctggg 120
aaccagtgtt gagatagcca atggcttgga cttgacctct ggagtaagct gctgtgtttc 180
atttagataa tccagtacat agatgttagg agcaaagagg accatattct gctctccaca 240
gccatagggc atctggagaa gattttgtgt gttttgcatg gcagagctac atatgtctcc 300
caaaactgag acagaagctc gggcagattc ttctaccaca tttggtggca gtttcagggg 360
taattcttca gaaacctcan cacctgntgg acnaagtagg gagttgaatg ttgtttcctt 420
ctctagtctc tcaggttcaa ccaa 444
```

<210> 134
<211> 341
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA219552

<220>
<221> unsure

<222> (1)..(341)
 <223> n = a or c or g or t

<400> 134
 tttttcagtc atgattggtt taaaagttta attggagacn ttgccggtgg nnaacaaaat 60
 ganggcatac aactgtcaca ggcagggcag taagtacaaa gtctagctgt aaaaaccgtt 120
 tgaaaatata aactcgtttt tggaatacat gtgtcaaagg ctgcccattgt taataccttt 180
 ggtataaaac ggtaacgatt cccttgacaa acccatccat cacctgacgc acattcacat 240
 ctcttggtta ctactctacc tagtctagtc tcaaccaccc ctgtcagtca cgactcactc 300
 ctgttccttt gcaggtgcag aggagcctgg gaggttaggtc a 341

<210> 135
 <211> 323
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA227926

<400> 135
 atgtaaacta tcaaattgttt atttaaattt ccatttaaaa tattttcaag taaaatatgt 60
 acaaaaaatgg ttataaaaatg gttgaagcaa ctagaagcgt gacaggtata atacatataa 120
 atacaaccaa aattcaattc aatgcaaagt tgaatgacat catattgcac caaaatttat 180
 tccatacaaa agcacatgca tcaagagttt ccataagatg aaaacaaaca cacttacttc 240
 atagcatctt accacttact tacacaaata gcccataaac accatctggc attgtgattg 300
 cagtaccaga actctcccca gag 323

<210> 136
 <211> 469
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA227936

<400> 136
 tttttttttt tttaaaaaca gaagcgcgac catttcttta ttaaattata caaaagggtt 60
 ggggaggggg gcagctgttg ggctcggcac accccggggc ccaccccggc ctggcgctgt 120
 ctgagaagag gggatctgag ggagatccag ggatcaggca ggatagggtat ggggcaggac 180
 atgaggctgg gggatgcaga ggtaggttg gagaggctac cggagtaaga atgaggctgg 240
 taggggaggg agaaagagag caaagagaga gaggagcaat tggggggccag ctggagagct 300
 cagatggagc aggtcaggag gtggaacaat ggcagagtga ggggtggagg cgcagtgtct 360
 ggagaggcgg aaatgagaag gctggggaga aagaagaggg tggcagctct ggtgcagggc 420
 ccagagcagg gagccaggtg aagagtggct ggactttgct gccccacc 469

<210> 137
 <211> 328
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA228020

<400> 137
 ctacttcgct tccgttcctt acttttgctt ctctttcgct catgactacg acttctgctc 60
 ttgctttttt tcctcttttt gctacgttct tcatggcgtg tggactgctc aacttggtct 120
 catcctaagc aggggttgata gaagaacatc atgaggacga agtggttaaca tttcaagttg 180
 tcaaagggtta aagggaacag gaataagaaa atacaaaaca attttaaaac taattattta 240
 cttatagttt aacatggaag gctataaaag aatttagatg ggtatgtgtt taaccacttt 300
 gttgcttaca ttttaagtcac caagatac 328

<210> 138

<211> 462
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA232266

<400> 138
attttttctac tttctttttaa tatcattttt taaagttggt aagcagctag acatcattta 60
gaagcagacg gggttaaaata gacaagaaat agcaaagaca catccttcac atcgtacaga 120
actgtatttag tatccaccac caccatcaca ggggagggct agctgtcact ggggtcagga 180
gtactctcca ttattgtgca ggggaccaga cagcatttag gtgtgacgat gtcaaactga 240
gtggacatag agagtgccgg gatcaaggct tacagttttg gctctagact tgcgtgaggg 300
ttggttactc ttaatctctt ccaggctgtg ctggatccca tagccgaagt agatagcaaa 360
gccaatcagc atccagaccc caaatcgggc ccaggtagca gctgtcatct gcatcataag 420
gtaaatattc acagagatgc tcattagtgg gaggagaggg aa 462

<210> 139
<211> 401
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA232508

<400> 139
gaggggtacat cgggggagag gagaggagag gagagcctct ctgtgccttg gtttcccatt 60
tgtgcattca gggcctctgc aggtcacac agggagtctg aggggatagt gtttaagtga 120
gcactcaggc ttcctctgag gaaaagaaat gaccaaagtg cagactttta ttactgccat 180
tctgtctcct aatgggagca ggagtcaaaa ggaaaaacaa attaaaaggg gctaattgaga 240
aaggaggaga gatgagacag agagtgtgaa gggctatgag cgtggcatct cataaattct 300
tattgagaat ggcacaggta ttaaaaaagt ttctgggtag tctacgagaa atgtcaatta 360
ttatctctac tacaactact tacatatatc taatgggaaa a 401

<210> 140
<211> 387
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA233347

<400> 140
gctgcaaaca tgcagagatt tcattttattt tgtttggcac atgggaacta cattttgttc 60
ctattatctg tgtgtttcac tttgctgtgc agattttcat ccaatttttt tcaggggagg 120
gcatatacat ttgtagggt gtatctatcc aattctgcct gtaacaaaca ccaaacatc 180
ctaaaatatc aattataaga cagacaagtg taatgtaaaa ctctggagaa catcaaagaa 240
aaatggccat gcactgtctc tttaattgtt tcctacgata tattaaaata aaaacaaagt 300
ttcagtctct tcacaagaag taatttatat tctctgaatt ttttcagcca caacaactgg 360
attctctttt ctgatttttg ctgcagc 387

<210> 141
<211> 182
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA233545

<400> 141
tatgagtggg cggcagacag ctatatatttag tgggtgcctcg acactcacga accgccagcg 60
tggcgccctg atcttgccca gctgccagct cccccacca ggactgtggt tcttcagttt 120

ctcctgccag ccccggtca tctcagggca aagctataga catggtagat ctcacgggg 180
ag 182

<210> 142
<211> 243
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA233854

<400> 142
tttttttata aaaatgtggt ttattgtttt aaaacaagtc tataaaagta gaaatcacat 60
acaaaaatac agattactct gacatgttgg caaaatagct tatggctgga cttgagtttg 120
gaagttctgt atgtttgagg gcatccgatg tcagagtcca accggatcct aaccccagct 180
cttgctacta atctgtaaac aataatttca agtagtattt agcacttttt aactattaag 240
aaa 243

<210> 143
<211> 217
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA233935

<400> 143
tcaaaaatac ataaatcttt tattgaaagt cacttttacta atgttacaat gggagtaaca 60
tagaaaacca tggatatcta ttagcttccg aagtgaatac taataaaact gtgccagaaa 120
tttgaacctt aagttacagt gaccttttaa aacatcaaga ttttgtttac ctacaatgta 180
agaacaattt tataacttga acagccataa aacaaat 217

<210> 144
<211> 403
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA234095

<400> 144
attaatgcaa acatattttt attaaagaat gaatgcattt atgctaaaga atagcttaca 60
tatgttgtaa agcaacaagc atatcttcaa gaagtgaagtc ctcctcaata tgactccatg 120
cttattctac atgcctgaaa actgggoccca cacacagggg cacacgtaca cgcacacaaa 180
cgcagatacg gacacacaga tatgcagacc gaaatgctga caccatcgct ctctagattg 240
gattagctct catttaaggc ttcttaggtg ccgcagtgcc cctaataatta ccaggattga 300
aaacagactt ttaggaagga gcagcattac ttcgaaaagt agtcatctgc tcttgctctc 360
caatgtgtgt attttaacaa ataccattta attctatgtt gac 403

<210> 145
<211> 103
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA234634

<400> 145
cagctcacgc gggacctggc cggcctcccg agtctcttca agcagctgcc cagcccgcgc 60
ttcctgcccg ccgcccggac agcagactgc cggtaacgcg cgg 103

<210> 146

<211> 185
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA234831

<400> 146
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 agagaaccat atatttaaac aacgaatagc agggtagctt acttaggtga cacagttcat 120
 tgaaaactta atactgaaaa ataccgcaat ctggacagca agacaaatat caacaaatgt 180
 gtttt 185

<210> 147
 <211> 291
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA234996

<220>
 <221> unsure
 <222> (1)..(291)
 <223> n = a or c or g or t

<400> 147
 ttttttgaag cttcacacct ttattgtgtc cgggggcgctc cggggcctca ggggtgttcg 60
 tagcccgtgg cgagagggtt cacgtggcta ttgtggaaca gagtgtggtt gccgtcccc 120
 caggggtagg gcttggtgcg gatcggaggg tggtggtagg gacggaactc ggggcgcggg 180
 cggtggccag nantggagat aggtagttga aggtgcagag ggccacgctg ggcagcgcag 240
 catcgaaggt cagcagacgc caggtacgag ctctgctcc tccgtggcct t 291

<210> 148
 <211> 139
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA235310

<400> 148
 tcaacaaata tttattgttc atcaaagacg agccagattt tatgggcatt tgtgatggag 60
 gctggcctta gctttaggag aaggaactcc aagagcagta gtgatctctg agatcacctt 120
 gttcaccctc ctcggggca 139

<210> 149
 <211> 382
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA235618

<400> 149
 acaatttaac aatttattac attacagtgg catcacacca gcagtcaata aggccactct 60
 agggaaaaat ctttcagtat ttccatgaca cattctgttt acaataattc ataaactggt 120
 aaaattcatt ctaagaaaac ttggcaaatg aaactttgga ctggaattgg catttctttc 180
 tctgcttttc gttcccacca tttctttctt ttatactaca gtattcatat tttaaaatgt 240
 tttaaattat ttcagaacat taagatagca gttacatttt ttaatagtta tattatttta 300
 aatgactct ttaaaataaa gttttagaga aactatatta tggatagggc tgatttacat 360
 tttcaaattt tctaaaatca gc 382

<210> 150
<211> 175
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA236241

<400> 150
tttttttttt ttttttttcg gcggtcaacg cgctttattc cgaggggctt cagatacaga 60
tgaccccgag cctgcatccg cccggaagcg tccccttact cccatggggc acctcgatac 120
cagctgacct gccctgactc acttctcagc acccatctta cggcagtcgg ccctg 175

<210> 151
<211> 519
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA236286

<400> 151
tgctttcttt ttcttttttt ttcaataaac aaagttttct cgcttctgcc acaatagtaa 60
aaccatctga tcttgacaag ataatggtgt cgcttgacttt gcttttttct tgtccgttgg 120
acaaaattgg ccaagaatat aattggactg ttatgaccaa taaaaacgaa gtttaggtca 180
agtcttgctc ggatagcctg actaaaaaca tctggctcct taatttaaaa tagttcagac 240
aaccagattc ttgctgtggt ttatgttagg ttaacacgct gaactttaag aagctgtaga 300
ctgcagtttg ttgttatgag acctgctagc ttgaagcct ttcaatttct gtacaaagaa 360
tgattcgaga acttctgcac actggtaaaa tggggagtca cttggattgt agtaacgaca 420
gttatcaaaa attttggtca tatctgccac aaattccgct agcttttcat aatatcgtct 480
ttgtactctt tcttccatgt tggcaaggct catagggtg 519

<210> 152
<211> 539
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA236453

<400> 152
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ttttgtgctg ctagaaggga atacttaaca ctggcgaatt aatacagaaa agaggtttat 180
tagcctcagt tctgttggtt atacaagcat gacatcaaca tctgcttaac ttctgatgag 240
gcctcaggaa gcttttatgc ataataaaaag gcaaaggggt atcatggcaa aagacaaagc 300
aagaggaata tcagtttttt gtttggttgt ttttggtttt aacaaccagc ttccacatga 360
actaacagag aacacactaa ctgcagtggg aagaacacca atccattcat gagtaattca 420
caccatgac ctaaacacct tccactagac cccgcctcca acatggggga acacatttca 480
acatgaggta aggcacaaaa aaccaaagca tatcacataa aaaaaacctc cccaagttg 539

<210> 153
<211> 401
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA236455

<400> 153
tttttacgaa accaggttta ttaaaatttc tctacaagtc agaaacggcc atctcactgt 60

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tcacatatat acacgtatgt acaggaagaa cctagtgttt ctagctttcc cggcagaagg 120
ccctgccagc ccagagtcct tagtcggata atgtatcaca gatacaacag tgcagcaacc 180
acgagagcgt tagtgcgaca gaggcctctg tcctccctct tctcaaagtc ccatgattct 240
gtcaaggtaa tattgccaat aatcattcac atttcacgtg gtttttagaca cgcaggttat 300
tcagacagac acagacaaca aaacaagcct caaagccaga acaaaaacaaa acaaaaaccaa 360
atcgaacata ggtataaaaag gtaaaatata tgtacaaaagt a 401

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<210> 154
 <211> 533
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA236476

<220>
 <221> unsure
 <222> (1)..(533)
 <223> n = a or c or g or t

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<400> 154
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gtatactatt tcaaatatat ccatacataa tcaaatatag ctgtagtaca tgttttcatt 180
ggtgtagatt accacaaatg caaggcaaca tgtgtagatc tcttgtctta ttcttttgtc 240
tataatactg tattgtgtag tccaagctct cggtagtcca gccactgtga aacatgctcc 300
cttttagatta acctcgtgga cgctcttggt gtattgtctg aactgtagtg ccctgtattt 360
tgcttctgtc tgtgaattct gttgcttctg gggcatttcc ttgtgatgca gaggaccacc 420
acacagatga cagcaatctg aattgttcca atcacagctg cgattaagac atactgaaat 480
cgtacaggac cgggaacaac gtataganca ctgtagtcct ttttttcaca gtg 533

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<210> 155
 <211> 403
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA236477

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<400> 155
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ttgccaattt agtttccagc tctctttgcc aattattttt cttttgctag aatattttta 180
tccaaatgtg tctatcttca tttcatagta tgtatctcat atcatacgt cttttatttt 240
ttataatcac actgacataa tccctaacca aattaatata tgtaaataatc atttaaatatt 300
tagtccatgt ccacacttcc ctactgtct ccaaaatggc tttttatggt ttgttcaaac 360
caggtccaag taatgccaac atactgaatt tagttgatat gtc 403

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<210> 156
 <211> 308
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA236545

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<400> 156
tttttttttt taacgttttc aaaatctatt tttatttttc ttcagtatta cctgctgttc 60
ccaagtggct gggtaatcta tgggttatat tttcatttac cctcaaagct aggctgccag 120
tggaagctaa gaataacaca attaaattca agtttctcta gaaaatatga caaatcaaat 180
tttaagaaaag tgtaacttgt ggttttgctt tggttcaaga tggctgatct gagaatatca 240
aagcatttaa ttcaaactaa tagtgtgtcc tcatcctagg actagaaggt aatttttctt 300

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ttaaggag

308

<210> 157

<211> 534

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA236822

<400> 157

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cagatattat ttaaaagatt aattaggatg tttattttatt tattttgtag agatgggggt 60
tcactatgct gcccaagctg gtctcaaact cctggcttta attaagtgat tctcccacct 120
cattctccca aaaggctggg attacaggta tgagccacca cgcccaggct tattttaatt 180
tttttttaaa tctaggaaca actgttaaac ctatatactt actacttgca gttccatgat 240
ggcaaatgac tgacagaaga tcatatgtca caatttgagc tggactatcc ttagcaagaa 300
atggctgaag atccaagcct tctagcggaa atgaaacatg ggtactgatt ttgggtggaaa 360
acattagttc atgtctgaat cttttaagggt ggatgcacaa atctcaggaa agttttgtac 420
tttacaaaac ttcactccat ttctcagctt tttgcatttt tcacaactgt acatattgtc 480
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<210> 158

<211> 471

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA237011

<400> 158

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cggcagcaac tcctttcctt tattttctcc ccttgtaaag ggaaattcaa gttcagcagc 180
attcctttcc tgccccaagt cctcaaccag acaagaggct gcaggcacca aatcttgggc 240
tggaataatgg caaaggcctc agaagctcac ctccagctct gagcttcaac agctgtttgt 300
accagtgaatg cagcattaaa tccaccagaa aagaacagca ccacccaaag actggggggc 360
agctgggcct gaagctgtag ggtaaatacag aggcaggctt ctgagtgatg agagtcctga 420
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<210> 159

<211> 548

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA237034

<400> 159

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gttggaatatt agaccacaat cactcccaag tgtcttcaca gttcagacag gcaaacattt 180
caaaaaggcgg cctctggggc cgccctctct tttcacacac acacacactt gcaggctgtg 240
ggaatgctgt tcagccactg agcgtggctg gctcatgtca ggtactgcac cagaggaac 300
atgaccacac aggtcagcag catcccacct atcataaagt acttgctctg gaaagccgc 360
ttctcgatga gccgcacac tgtgttgac aagcccagca tgttggaat ggtaaggatc 420
ttcttctgag tccccttcaa ggctagctc tgggtcctca gtccatctaa aatattgtgg 480
ccatctaaaa tgaggctcac catgccgttg ggaccttccg gaaggaagga gttaaactgc 540
agtgaatt 548

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<210> 160

<211> 439

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA243416

<400> 160

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ctctgtataa tatagcaciaa tggaggtggg tctgatcaaa attttactcc tattttccat 180
ttgatttagc atttaattgt atattaggat tgccccgctc gggtatgctg gtgatatcag 240
acccactac ggcttgacca gtcacatggc catgaaaaat agacttgact gaattgaaaa 300
aactggactt tccagaccca actggaccca ccaaaagaat acgaatttct gaaaccaagt 360
ctgcataggg cctatagtct ctgatgtctg ctagaagcct atttctgtgc tctctggctt 420
taattatcct ctttatgtc                                     439

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<210> 161

<211> 455

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA243698

<400> 161

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caataaatga aattcatcta cacctgaata aaacatattt aacaattgaa aaaattttta 120
acaaccacaa aaagtaaaaa ctttaacaaa acatgaacag gatttgtttt tagggcacac 180
aaaggccccct gcagcagatt ccaacagtag ctttactggg gtgtcttcta cagatgagtt 240
aaagagacag gctgagctcc acacaggcaa gatgactaac agggcgacag gacagtcaca 300
cagggcggag tgccacaccc ggctataatc cccagattcc actgcagagc tggctttgtg 360
cgtaggaggg acacaaagaa aggtgattca ggcagacatt attcaaaagc tacttcgtcg 420
tgtaaccatt gaataatggt tgggaaagct ttggg                                     455

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<210> 162

<211> 358

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA243763

<400> 162

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tttttttcag agttggaaga aaatgtttat ttagcaaaaa ggtatggagt aaaattggta 60
gaatagaaag gagaaattag aagtggggaa ttctgagagg ctgtttttaa acatggtaac 120
tgggaaataa ttttgacaaa attctcatag gtaatgaagc ttcatatgcc cttactgact 180
aattaaaagg cacctaataa ccaattttat ttgtattaat tgtattggga ataattttct 240
ctaacccttct acctttcata aggaaaaata caatccgtga acacctagat ggttctgttt 300
tactgtatg gcacaaagta tcaatgattt aactgtggag agtagtatca agtagaga 358

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<210> 163

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA247204

<400> 163

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agatacagag ataaacgagt acatgattat gatatgaggg tggatgattt ccttcgtcgc 60
acacaagctg ttgtcagtg cgggagaagt agaccccgctg aaagagaccg ggaacgagag 120
cgagaccgcc ctagagataa cagacgagac agagagcgag atagaggacg tgatagagaa 180
agagaaaagag agcgattatg tgatcgagac agagaccgag gggagagagg tcgatataga 240

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agataatggg cttttggaag cactgattgt ttaaagatac aaaaaatctt gtatttt 297

<210> 164

<211> 342

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA248555

<400> 164

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tccagaaagt aatgcgcaat accagttcac tggattataa aaatatttca actcttatac 120
tctcacaggt agaatgaact gtgtactggc cacatatgga agcattgcat tgattgtctt 180
atatttcaag ttaaggtcca aaaaactcca gctgtgaaag cacataatgg attttaaact 240
gtctacggtt ctaacctcat ctgtaagttc catgcctgga gaagctaag ccacctaatc 300
akgtgataat tcaatttgta caataaatta tgacctggaa aa 342

<210> 165

<211> 377

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA248802

<400> 165

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gcccagcgc cgcctccgcc cgtctctctc tcccctgggc ccgggagaca aacttggcgt 180
cacgccctca gcggtcgac tctctctctc gttgttgggt ccgcatcgta ttcccgaat 240
cagacggtgc ccatagatgg ccagctttcc ccgaggtcaa cgagaagaga tcgtgagatt 300
acgtactata ggtgaacttt tagctctctc agctcctttt gacaagaaat gtggtcgtga 360
aaattggact gttgctt 377

<210> 166

<211> 458

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA250850

<400> 166

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gtcccagact ctctcgggag cctggaggag tcccggtagc gaatagatca gatgcctcat 180
cctcgttcac cccaaaaggc tgagaccctg gtgtgtcctc ctccaggacc ctccctgttt 240
ctgggtgcta gaggccgttg ctgtttctgt gacagaggga tggctttggg agctccaaag 300
aacctaacca agttttttta agaaattcgg gggacgaagc aataaccgct tggccccctt 360
gaaagtttcg ttcaaacttt tttcaactgt aaaaaactgg ttaatctcaa attgtaaaaa 420
aattttttcc ccccttattt tgaaaaaatg cattttttt 458

<210> 167

<211> 410

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA250958

<400> 167

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cagttgcaag atttaataga gtgaaataga gtgaaaacag agctcccata caaaggggaag 60
ggacccaaaag gcggttgccg ttcgctggct cgaatgcctg ggtttatatt gcaatccttg 120
tccctcccac tgtgctcctc aggcaataga tgattggcta tttctttacc tcctgttttt 180
gcctaattag catttttagtg agctctctga ttggttgggg gtgagctaag ttgcaagccc 240
cgtgtttaaa ggtggatgcg gtcaccttcc cagctagggt tagggattct taatcggcct 300
aggaaatcca gctagtcctg tctctcagtc ccctctctca acaggaaaac ccaagtgtctg 360
ttggtgaggt tggctgatga ccactctaac tgcttcctgc tgaactgggg 410

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<210> 168

<211> 372

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA251769

<400> 168

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agcctcaaaa aaataaaaaat aaaaaaatta tccagtgggt atgaggagtc taggaaaacc 120
tgtcccagta atgccaactt ggaggtgaag ggctgactgg ggcagctgag aagtgggacc 180
ttctgttttg caggtcttct ctcccttgcc tggctcatgg tttctgggtg gaagagtgtt 240
cctggccttg ctggaggttc ccattggccc gaactaacag tgtttttctg aaatttcgac 300
ctgctccgtt tgagagagta gaattccctc atcaagtcct ccacctccca ctgctcttcc 360
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<210> 169

<211> 389

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA252219

<400> 169

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ccagaaatat ttatttggtca ctttctgtgt gctagaaaca ttttttatac gatgataaat 60
gaacaagact gacaatttct tgcccattaa gggttacatt ctaataagcg ataaagacaa 120
caataatacc agggagctga gtaatctaata acaaagcaag acaaagccag ggtcactgga 180
agcagcagtg gtctttctga ggaagttgca gctgatcacc aacctgaatg aagtgatgta 240
atggaaaata gaagtgtttg aaggaagatt gcttttagtaa ctgaggagga gagaggaaag 300
aggagaaaact gcacaagtgg gtagagatgg gaaagtccat ggcctatggg gaaggtgagg 360
aagttgactt ttattttcaa tgtgccgtg 389

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<210> 170

<211> 281

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA252528

<400> 170

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cacagggaag ggtctggaag ggtcttgagc acagtgtctc catgccccct ctctgtggaa 120
ttagggcaca ctgccctgcc ggcataagcca cagcttcacc acccaggaag ctatgctgag 180
ctttagtgtc cagagttttt attagggttt catgatgtac tgattaaagc actggccaga 240
tgattaaact cagcctccag tcccccgccc catagggtcag g 281

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<210> 171

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA252802

<400> 171

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tgaaggagag aaatggacgc ggctttcgaa ctgctgtatt ccttccagac cccatagatg 120
agggtccagg tgctgaaaat gaacaattac atacaggaat agaggcctac tctgcactta 180
aaaaatatctt caaaaaagtt gctggtcaag gagtatgcag caatggctct tcctgttgtg 240
aacattgagt cctagtgggt gaggtgtggg ttgttactat taaaaatcct tgttgtattg 300
ggcacaagat agactgaaat tgactgtagt cctcacggtg agtctaattg cagcaacatg 360
tgaaaaagggc aggcaagagc tgagtcagga aaatagacaa gcagggtacc tt 412
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<210> 172

<211> 418

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA253361

<400> 172

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acttctacaa atatatgaag gaaaatgtaa acaacagaga aataaaccag catctcacag 180
aagagaaaat acaaatggaa aataagcaca taaaatgttt agacttacta atattcaaaa 240
aatacaaaag aagataaaaa taaaataccc ttttatagct tctaaattgg ccatatgaag 300
aagtctggtt gaggagaaaa taggttaaaag gaactcataa gttgctgata agagtttgct 360
ttggaaaaca atttgtcatt ccttgtaaag ttgaatattt gcatacccta agacttcc 418
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<210> 173

<211> 326

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA255480

<400> 173

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tgcagattct ggaggggtct cgcttgccca tcgctggcag cccgagatcc tggggagggg 120
atgccatact gctagagatg aggggaagaga gcccacagca ggaaaacatt gatttgctgt 180
acactcaaag ggcattctat gccttcagtc caccgcctcc tcggggccaca gcccggtgcc 240
tcgcgcgggc tcagactagc tctggccctg ctgctgtcgc tgcagggtgt cgtcttcttc 300
ctggtggtcc tcgggcaggg gcggct 326
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<210> 174

<211> 441

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA255966

<400> 174

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cagcaagata taggcttctt tgggcatggt ctgacatgtc tgtctgagtg aacttacacc 120
aagtaacatt ggccctcagg tcaaatctct acaattagtc ttccaacacc cattttttat 180
aatgtcacgt actcttcaag ttcttagaaa acacccccca acccccccca aaatttacat 240
atttaattac tgaattgggt tatccaacct gaatccaaga agaagccaca gctctcatgt 300
ggtctgcctc aggttatgg gcagctgaga cagcccatga ctggtgtgtc ccatctgtaa 360
gaagtagaaa ctactgggt agtcaccacc attgaagaat actgtagctc tacaacagca 420
aatgggcatg attttgatga a 441
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<210> 175
<211> 410
<212> DNA
<213> Homo sapiens

<220>
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<400> 175
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atcctacgtg atataagtat atatacaaaag aaaaaaacia cattggaata ttacacagct 120
tgaaggtttg caaaggttat ttgtgtctta gttatttctg cacttaatga cacatcagac 180
gcattgagta ttttcataa gttgttgact agcaaagata caatcattag taaccaaggt 240
cttcaaaatt cacaccaaac tttatgaagt cattcagaaa gagaaagtca atcctaaaaat 300
taaaattggc aactatgata aataccttca aaaggatgta gatgtaatgg agatgtttta 360
aagtttagtt tcattaattg taaaattagc atgttatatt tactcaatat 410

<210> 176
<211> 355
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA256294

<400> 176
acaactttta aaaatggttt atttttttct ttaacaaaat cgtacagctt tctcaatccc 60
caaattaaaa aaacagaaaa caggaagaaa gggaagaagg caaaggccac acgcacaggc 120
cggcccgcgt cagcgcctg ctggacggca cttcagggca caaccacac gcgtcttttg 180
acttcagac attccgcgag gcttctggcc tctcgaaggc aaagcttttc agcgatttca 240
ttaatatattc attacgctga gatgagatga aggcagatgc tacagaaata tgtcagttaa 300
agccacagaa acagaacagc ttaagaaggg ctgggcgccc aagctcgtca cgaca 355

<210> 177
<211> 159
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA256486

<400> 177
aatagaaaaag taccctttta ttgagaggta agacaagtat atttacaata ttcaattggt 60
agataatata atctgacagt gggacttttt aaagcagcag tatttcagga attacaattt 120
ataaggggaa aagaaaaaca ttccaaatat gtttctgtt 159

<210> 178
<211> 196
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA257093

<400> 178
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ggatatctat tgggatgcag agagggtgaga gcagctcttc agaagcgctg gcaaaagaag 180
aatgtgtatt gaaacc 196

<210> 179

<211> 284
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 179
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 aagaactagg tttagaaggt gcagagacca gggcaacttc agggatccag gtagcaggaa 120
 ggaatcggta gcctcttttg tatggccact atgggtggtag acactgtcta cgttgtttgc 180
 tgagtcttct ggctttcttc cactcttctt gctcttggac atcagactcc aggttcttca 240
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<210> 180
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 <212> DNA
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<220>
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<400> 180
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 tgacttgcaa atttttgctc ctttaaattt tctcgtttgg tatttttact ctttcctaag 180
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 atatcttctt aaattatatt acttcaaact tggttgtatt gatgcctgtg agctgattgt 300
 ttacatttct cccacatct ctgttcaatg acagcatgta ggtagcttaa aataaccatg 360
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 cca 423

<210> 181
 <211> 319
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 181
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 cagtagacgc agctggccgt gcacaggcag aggcctctggg taagtgcagg aagcagggtc 180
 acagccatca gcctcgaggt ggggatgaaa ggagatgacc tggtaggctgc gtgacagcca 240
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 gacaagcagg cgttacaga 319

<210> 182
 <211> 377
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 182
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 ctgtgtcata atggaaacag catattagga gaaaaatagt atttcgtgtg ctgtctgctt 180
 gagtaatcaa tctggagatg caagttaacc gaagtgcac tgccaagcca tcagcgtgag 240
 aaaaaaaaaac caccagaagt tgcctccaga taacgatgta gtggcagcat gataactggc 300

atcaactcac ggtcttctca ttttcccat tttctataat tttcctcttc ttttcatcta 360
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<210> 183
 <211> 435
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 183
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 aacccacat aaacatttaa cactataaac attctaagca tacaagagta gtattctagt 180
 tcaagtttta tcttttttca gttcaagttt tattattact ttaaaaaat aaacaaaaaa 240
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 <212> DNA
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<220>
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<400> 184
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 tgctttataa tataaaagaa aaaatcaaac aaactagcat attagaacca cttttggtta 180
 tttgtaagga gctgaagact gctgatatca cacatcccat g 221

<210> 185
 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 185
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 ggttctcctt aaacaatttt aatgtctggg ttgggggaagc aggtagagcg cgtagaggca 180
 gctgctagag gctggttgct gactccaggc cgcgttccag gaaatatcgg tgggaagaac 240
 ggggacgggc ttgggaccct tcattgagga agtaggatgt gatcttctct agtccctcct 300
 gattctcgga tgctgagtcc tcccatataa catcttc 337

<210> 186
 <211> 281
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 186
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tgctgcttct tgggtggccgc cttgctggcg aggtccttgg ccttctctgt agctgccagt 180
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gcctgcctt gcagcttagc caagatatat tcaaaaccct t 281

<210> 187
<211> 364
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA278757

<400> 187
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ttctccccc tccacctccc caagcccctg ccccgaggtat gtacaataaa taagattaaa 180
aataattaac aagatgcgtt ttccccctcc acccgacgcc aaatgccctg cggaggggaat 240
ggccttttagc aaagatcttg gcctgcaggg gggacttggg gggaaggggt ccccagctc 300
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<210> 188
<211> 181
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA278767

<400> 188
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gacactacta catattaggg agcatctatg caaataaaaag gaaacatcaa attcattaaa 120
atgtttacct atgaggtagg ggtaagaggt tagatatggg agtaaggact ggagattaaa 180
a 181

<210> 189
<211> 463
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA278887

<400> 189
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gctgtcagtc tgcctatgga ccctagaaga taatctgtct tttttctcta gttgctttta 120
atatttcac tttggtgttc ttcagtatca ctaggacagg tcttagaatc agtttccttt 180
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gttttggaag gttctgtctt tctctcttct ccttctggga ctctgattaa atgtgtgttg 300
gattttctcc tacaggattt tttctctttt gtatctttca tttcgctctc tgtgatgcat 360
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<210> 190
<211> 170
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA279028

<400> 190

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cagaacttat acatctagaa tattcatcag aaaattactc agaattattca ctagaaattg 120
ttgtgtcaaaa agtaaaataa tcactttcac ttggtcttta atacttagtt 170

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<210> 191
 <211> 419
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA279313

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<400> 191
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ctttattctt gttggtttgc tttgaatccg ctccgtgtaa agtcagctaa ctctctcggg 180
cacgggctgc cggtgtcca aaggctcctc tctggttggc cttggaatgg aggatgaaac 240
aatgtctttg ggctctccct cccctcgggtg tttgtacttt tctggggccg ttgcgggggtg 300
gcaacccggg gctgagtcct aaccgggtcc ttggggcaac cgtcgccttc cagtgaagct 360
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<210> 192
 <211> 513
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA279757

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<400> 192
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agccctcaca ttctcttgat ggaaaaaagt tttgtcaacg atattttcaa tctgctttgc 180
ttttttatct ctgcctagct gcatttttat ttcactactg ttcattttgt tctctaggag 240
tcgctgggtg tgatgctgaa aagttacagg atctcttcca ggaggaggat ggcagtacag 300
cagcttacca ctgacatagt ccttcaggat gtacgcgcga gatcgaggct ggtctggctg 360
tccatgcgct gtcatgaatc ctgcgatgta tccataagct gtcaacagtt cttccgatgt 420
tggaggctcg tggggatctt catcctctct aggcgttatg atgttaatgc cataggtagc 480
ttctaaaaca tgtcttgga tttctggca aac 513

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<210> 193
 <211> 256
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA279760

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<400> 193
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gaaagataat tcaacagcaa tcaatttaca gaatttagaa cagcactaca tttcagcaaa 120
atgcaactag agaacatcag ataaattata gtaatttggt tttaaaaatc cattaaacta 180
tctcttacct ctgcaataat gtatcatata tgcagttaca gaagttagta gggaaaagca 240
tgatcttcct tccta 256

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<210> 194
 <211> 363
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA279774

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 <223> n = a or c or g or t

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 ctatccctct ctttctcagc ttccttagcg gactgctttt ctttcgtctc ccaaccactg 180
 cctgagttag ctgattccca tgcaatttaa tgtcattttt atgctgatgt gactgagcat 240
 aaaatttgta tgactagtcc agatctcttt aaattccaga ctcacatttc tgactctatg 300
 ccacctccac ttagtgtgtc cacagacatt tcaaactgaa tatgtcctaa ataaaactct 360
 gaa 363

<210> 195
 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 195
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 ctatcaggaa ataaaactaa aaatgggtgtc attgagtaaa aacaaaacaa atggggagaa 180
 aaaaattctc cgggtaaacg gcattttctg tattctatat atatttttcc ttaaactgtc 240
 accttttctc tacattttta aagacaccgc gagttgtctc caataagcac atcacttaac 300
 acttggccag ttgggtgggg tgccatgttc tgaagtg 337

<210> 196
 <211> 306
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA280297

<400> 196
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 tggcctctta agagtcatgc cacataaaga tgatgacttt gatgtcctgg cctgcctcct 180
 gtaacaatgt gaggtgttt tgggtacatg ctgtaataac aacaggacta tcacaggaac 240
 aatgaagcag agaagcagaa ggtgcctaca aagttttacc taaatgtctt gtttgtcagg 300
 atggag 306

<210> 197
 <211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA280309

<400> 197
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 tacaggcatg caccactagt ctgcgcagct tttaattaga attttagaat tagaggaggg 180
 ctagaactct gcctcattt ttcagttagg aaactgcca agacaggaca aatacttacc 240
 ctaatgctta gcctggctcc agtgaaatta gctccccagc caaagctgag ctggatggaa 300
 ctaacaagga cac 313

ttaaaaagaa tccaccgcac gaaaggtaaa caaagcagac cctcagaaac tccctggcaa 120
 ggaagaaccc ctccccagat tggcccagtt tcaccagcaa ctggtctcag ctcagcctta 180
 tgcctttcca ctgacacccc ccacccctcc acattctcga tgattcagac caggaacttc 240
 tcggctgatt gtgtccg 257

<210> 202
 <211> 365
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA281591

<400> 202
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 cggaaagtga aacttacaaa aaaagtgtgt gtaacattta aaaaaaaaac aacaaaaacc 120
 ccaaaaaaac aaacatcatt cttagcaaca tcaattactc ttccacacaa aacagaaacc 180
 ttgtaaaatt tattttcgtg tttttaaggc gtaatacttc cgtataaagt atatgcaaga 240
 gataaaactt cacagtattc caaaatgtca caataataat aataatataa tagtataatg 300
 aagcgctaca gttaattttt ctttttttga atgttttttt tcttgtttaa ataacaaata 360
 caagt 365

<210> 203
 <211> 369
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA281599

<400> 203
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 gtagacaatt ctttgaggaa cagtaaatga ttattagaga gaagggaatgg accaaggaga 180
 cagaaattaa cttgtaaatg attctctttg gaatctgaat gagatcaaga ggccagcttt 240
 agcttggtga aaagtccatc taggtatggt tgcattctcg tcttcttttc tgcagtagat 300
 aatgaggtaa ccgaaggcaa ttgtgcttct tttgataaga agctttcttg gtcatatcag 360
 gaaattcca 369

<210> 204
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA282247

<400> 204
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 gagcagttat agaacagaac ttcttatatt tctttattta caccacactc tgaaaaaaa 120
 aaccagttc tatttgatta actatgaata gcaaagtttt gtgacttggt actcacttaa 180
 atcacccatc tgaaattcat ttacaagggt tttacattaa taaaacagta gtgtggtaca 240
 tgtattggac tcagatgaag tctaaagtac actggactct agagagtggg ttacatacca 300
 acgaccaaga ttcaagtgtt tggggaaaaa aataccttag acagtctatg ttggcgtcaa 360
 cactaaaata aaagg 375

<210> 205
 <211> 267
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. AA282739

<400> 205

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gacactattc caaagtctgg gcccttccag ccttccaaat acaagaggct ctgaaagttg 180
tatataccaa ttggacgcac aagacaaaaa tatgaacaga gccatgacat ttcattaaac 240
aaattgtatg taactgaagg atcctttt                                     267

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<210> 206

<211> 348

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA283091

<400> 206

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acaaacttta ttgcatccc cattaaagga caaggccatg ctccatttct gatctgttcc 180
tgggtcactc agaaactgag gctttcagac agatctgtgc agtgatgaga aggacaactt 240
tttgaaatgt ggagaaaaaa atatgacatc ttttaatgtc aggcttctta tctgagcaaa 300
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<210> 207

<211> 399

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA283772

<400> 207

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tattaaattt gaaagtcttc tgttccagac caaaatgggg taggctaatt ccctgtcate 120
caagcaacta aaaggtaaaa accttataac tttaaaataa aaaagggtat ttttttcccc 180
tataaaagac aggagctatg agttaatata ttaaaattat tttgtacatc cctgctccaa 240
acaaccacaa aaatgggtact ttttaaatgc ctgcccattc tctcctggaa gggggttttt 300
ccaagattcg ggggtactga ttcattccac agccccaggc agcagtttat cctggaactg 360
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<210> 208

<211> 426

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA283774

<400> 208

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ccagattgaa atggtttgcc atctgcttcg tatgtggcgt tttcttttct attcttgga 180
ctggattgct gtggcttccg ggcggcataa agctttttgc agtgttttat accctcgga 240
atctgctgc gttagcagta catgcttttt aatgggacct gtgaagcaac tgaagaaat 300
gtttgaagca acaagattgc ttgcaacaat tggtatgctt ttgtgtttca tatttaccct 360
gtgtgctgct ctttggtggc ataagaaggg actggctgtg ttattccgca tattgcagtt 420
cttgtc                                     426

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<210> 209

<211> 265

<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. AA283907

<400> 209

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gaggccccc cctccactag tgcaggggtga ctgagtgtac aactacgggc caacccccgc 180
ctctcaaccg gaagggaggg cactcaaaaag aggaatttag agaaaaggcg gagagggcgg 240
acctcgggaa aggtcttggg cggga 265
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<210> 210

<211> 242

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA284153

<400> 210

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ataaaacctc agcatttcaa aaaagcttat tccgctgcag gaaagaagggt ggacattttt 120
ggtaccataa taaatcacac actcacacat ccatattgct taggttgaag agaacggaat 180
gaacagagga aatttcttcc atgaattgcc ctcccttcgg taccgcgcat gttttagtta 240
cc 242
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<210> 211

<211> 326

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA284777

<400> 211

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ctcaaagctt aagagtaaca gtctagagcc aagggttggga gtgggggcca ggcctcacac 120
agagcccgagc ttgaggcccc tgagccccac cctcctttcc agagggagggt aggagacagc 180
tgaggggggcc ctgaatcagt cctctccctc gtccccaagg ccagctgtgc caggccccctg 240
gagggcaaca gctcatgcgg aggactgggg ggggaagcaa acaggtagga aacggaaatg 300
aggttaacaa ttacaccatc accccc 326
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<210> 212

<211> 428

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA284879

<400> 212

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acaagtccat gaaagtagag aggaggcgcc agttaaggga cagcaacttc aaggagacgg 180
ttgttttttct gtttacatgt tgggacactc ccattttttct ggtttccctg aataaacttc 240
acacatactt tgtccggtct gaacagggtcc agggctccac cggaaactcc aatattgagc 300
ctccggttgg gtttggccta aaattttttgc ggaagaacct ggggtgggcca tttcaaacca 360
agtggatccc tcctgaaaag aaaagtcccc ttactaactg cttctgagcc ctcctttaag 420
tggacggc 428
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<210> 213
 <211> 425
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 213
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 ccgtccccac cccccctcc accgctgggc ccatcagtgt gtgttggggg gatgcttgca 180
 gctgggggtg aggagacaac aaacctcggg aactggagcc agagctgcgg cctgactgac 240
 gccttttgat gctcacggga aatttctgcc caggatctca gcccagggt ggttgtttct 300
 acaaatctct ctcaaatgta ttatttttgt gacaaaaatg aaggagcttt gtaattttt 360
 ttaaaattat gaatcatatc aagtagttgt ttacatttct tgaaaaata ggaactcggg 420
 cagca 425

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 <211> 302
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA286862

<400> 214
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 tactacaacc ggttacacat cctgggggtg agcacacagc aaaacggggg gggacgtgca 180
 gagaggata gggtaaaggc aaaggaagca gaggatgaga ccagcaggcc ctttctctt 240
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 gt 302

<210> 215
 <211> 382
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA287107

<400> 215
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 catgccact agctaaaaag aattttctaag tagaactcaa ctgaaactgc aagctactgc 180
 tctaagaaat gcatacttat gtttatttgc tctcctatat aatcctgttt acaaatagca 240
 taactgcaaa gatttatatg taatttctaa atccttcagg ttgctctacc attcatcttc 300
 ttatgtcttg caagataaac actcttagtg aacactttgc tgcattctct aaatgagatt 360
 tgtctccagt ttatttctta ta 382

<210> 216
 <211> 405
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA287389

<400> 216
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ttgggtttaat gcacaacttt gaaaataact cattaaaaaca cacatcaaga tgctactaac 180
aaattcatta atatccaaga ttcattactg tatgtcaaag gtcattccagg attaacattt 240
tcattacaat gaactgtgaa attccaatga aaaatgtttg cctgaattaa attatttaaat 300
ctctcaaatt ggaagtctag cactcttgaa aatcaaattc acacacacac agacacacac 360
acacacactt acaaactgca cattaggaca tgaggggcaat ttaat 405

<210> 217
<211> 478
<212> DNA
<213> Homo sapiens

<220>
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<220>
<221> unsure
<222> (1)..(478)
<223> n = a or c or g or t

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taacttaagt acagaaaaga gttagtacac cacaagcatt ttctacactt ttattttgtg 180
gtgattgtga gacaaacaca gtccaaacaa tagacttctt gtcctcccc tccaacaac 240
tatctgactc catagctcat gcaccccaat tacagcaggt gtcgggctgg cataaaggct 300
tcttaccagg attccagttt atccttctca atccttttct catctctaac aaaaatgcc 360
cacatacatg tagttgtgag aggcaaagtc ttcttttacac tcaccaccag ggnggcgtat 420
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<210> 218
<211> 475
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA287870

<400> 218
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cgcaactcgca ccacgcactc atattccctc accccaccat cacggcccca aagaaggctt 180
tccctctcgc gaagtccacc atatcggggg gactgatgtt gacgtacacc ctctcgcccc 240
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gagtgcgccg cccgtagcgc ccccggtggt gacaaagaca gtttggctgg gggaatcctg 420
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<210> 219
<211> 216
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA291676

<400> 219
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gactacaaaa ggacctaagc cttttaaact agactgtctc aactgtgcat taattatgta 180
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<210> 220

<211> 346
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA291970

<400> 220
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 acccactccc cagggagatc cagacccaaa atctgctccc cagatagccg agcccacagg 180
 actgggaact gcccaaatat ggccaccctt gtgggctggg ggcctgcgg ggaagtgtg 240
 cttcatcagg agtcgcccc aaggaggggg tcattgggtg cactgggagg cagagggggc 300
 aggtttgctt gcggggcagg gaccaagagc aaggggaaaag gagctt 346

<210> 221
 <211> 431
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA292328

<400> 221
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 agaggggttt ggaatgaagg tagaggcagg gggatgaagg cgccagagct gaagaccagc 180
 ccccaagaagc cacacccttg cccttctagc agctacgggt cctctggctc cgggccttgt 240
 aaacctcgat gagcaggtcc ttgacgtact ggatctcgcg ctccacggac tctgcccgtt 300
 ccttcagctc gcgattccgt gcctccagcc ctgggaactc gaccctccag ggcctcacc 360
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 tgcttgcggt c 431

<210> 222
 <211> 328
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA292533

<400> 222
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 tagatgctgc atgtactgtg ctatggacca cgcacatata gccatgctgt ttcagaagac 120
 ttgaaatgcc attgatagtt taaaaactct acaccgcgat gagaatcgag gaagacaatt 180
 taatgtttca tctgaatcca gaggtgcac aaattaaatg acagctccac ttggcaaata 240
 atagctgtta cttgatggta tccaagaaga aatggttggt gatggataaa ttcagaaatg 300
 cttccccaaa ggtgggtggt ttttaaaa 328

<210> 223
 <211> 318
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA293187

<400> 223
 atgggtacaaa aatagtttat tacaaaagaa atccaaccaa aatgcttaat aatttacatc 60
 gtgatccgtg cccgttacgg cccacctctc ccctcctcag ttatctggta gagagtggag 120
 gggagtggct gttccctggg tccaccagct ctgggagggg acatggaaat ggaagatgtg 180
 ggtggcattc cggacaggga ctggtgcctg agaatgctgg ggtcagagtc ctgggaggga 240

gcgagatggg ggaacatctg tgctcagaag aggggggtgta tgggtaggtg catgtgcttc 300
tgtgcaaatc ctggtccc 318

<210> 224

<211> 424

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA293489

<400> 224

tttttttccg tagtccaaag gctttattgt tctgctgaaa tgcttacaaa tactgaaaac 60
ccccagcctg ggcccaggca accaagggtt caatgctggg aaggagagca ggggaggtgg 120
gcttagtggt aaggcgtgaa gggcgaggcc agacagctgg aggcctggtc ctccactctc 180
catttccatc acccttcgga ggctgaagga agggcgggcg caccacaggg cccttcccct 240
ctgctgcac atctcctgct caggctttct ctctaggcgc attggaggaa tcctctttcc 300
ctgtcgga aa ctcaacactg tacagaactc caaccataac ccttctagct tcctctccca 360
actgcacgc tcctcctctg ttccatagat ccccggtt catcccttct ggctctaagc 420
aagg 424

<210> 225

<211> 551

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA293544

<400> 225

ttgtagagat ggagtcgagc tacgtggccc atgctgatct cgaactcctg agatccaatg 60
atcctcccac ctcgccctcc ccttctgcat atagtaggtg ctcaataaag accaaccaga 120
tgcaggagt gatgacttca ttgctcgga ctttggtgct tgggtgaccg tgaccttcag 180
gccccggcac cctaggccag gacgtgtcg atccaggccg catagctcgc cagcggggtg 240
tagatcccgg gcttcttgcg gttgcccga acgcgcgacg ccgaggtgac cagccctcg 300
agcacgcccc cgacaccag caggccccgc ggagtcaccc attgcagctg tcccggcgat 360
tgctctccgc gcacatcaag cgctcgggtg tggcgccgct gtggtgcgtg cgccggttgc 420
aggtggcgcg gtccagcact ggcaagagca cgtgctgcag gctgtccggg ctgcccggcg 480
ttggttgact atgcccgaag ggccacgtcg caatagttcc cggttcacgt cgcggtccac 540
gcctgccagg g 551

<210> 226

<211> 340

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA298981

<220>

<221> unsure

<222> (1)..(340)

<223> n = a or c or g or t

<400> 226

attcggcacg agtttcaaag aaaatagatt aggtttgcgg gggtctgagt ctatgttcaa 60
agactgtgaa cagcttgctg tcacttcttc acctcttcca ctcttctct cactgtgtta 120
ctgctttgca aagaccggg agctggcggg gaacctggg agtagctagt ttgcttttn 180
cgtacacaga gaaggctatg taaacaaacc acagcaggat cgaagggtt ttagagaatg 240
tggttcaaaa ccatgcctgg ttttttaac cataaaagaa gtttcagttg tccttaaatt 300
tgtataacgg ttaattctg tcttggtcat ttgagtattt 340

<210> 227
 <211> 535
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA308998

<400> 227
 aggcctctact tcagggtgctg ctataatgcc tcatcctaate aggactaaat tgtgtaggaa 60
 actgcagtgg gaagaatatg ctttctgctc aggctaagag ggtcactgat ctgtccttag 120
 aaattcagag taacatgagc aaaacctcag ctaaaaccca ttttaagtggc atggattgtg 180
 catgatcttt gataagaatt cctcatgtac ttgtgcctag tttttcaagg tattggctgt 240
 tctatagatg cagtgtattgt cccagctagc tctgttacca gccttttggg gtgtctttat 300
 gttcattttg agagtcaggg cgaaagacag gtgatgtagc acttctgttt ttaataatta 360
 ttgcttaaaa tacctattaa tagttttggg tcatttaaag ggacttgagg aagctaccca 420
 ggattacaga agagtgtcca cctaacaaga tgggtctggca gtttcctagt tttgtatctg 480
 gttcaataga aatatgtgaa agtggtaatg tcatcatttg atgcagagtc cgggg 535

<210> 228
 <211> 324
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA312946

<220>
 <221> unsure
 <222> (1)..(324)
 <223> n = a or c or g or t

<400> 228
 gaagttaaag gncactttat tnactgacag attgaaaact gtaactccag gnagtgc aaa 60
 atgcaccaca acccaattac aaagaacagg tggttaacaca caatgtttta acaatgctac 120
 actcattttt ggcaaagtgc tgtattgttc agtctgtgta caaaactgac catctatgan 180
 ccaatcagta taaaaaattt ctataaaaanc aaaatttagt cagtggctca agaaaacaag 240
 ctgccattta tgcatagnnt gatgtacagn aacctaacca aatgtccctt ttgaattttc 300
 aagttactga aaaaaaatgt gtcg 324

<210> 229
 <211> 428
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA316686

<400> 229
 gggatgtgga gctggagttg gagactgaga ccagtggacc agagcggcct ccggagaagc 60
 cacggaaaca tgacagcggg gcggcggact tggagcgggt caccgactat gcagaggaga 120
 aggagatcca gagttccaat ctggagacgg ccatgtctgt gattggagac agaaggtccc 180
 gggagcagaa agccaaacag gagcgggaga aagaactggc aaaagtcact atcaagaagg 240
 aagatctgga gctaataatg actgagatgg agatatctcg agcagcagca gaacgcagtt 300
 tgcgggaaca catgggcaac gtggtagagg cgcttattgc cctaaccaac tgatgcgtgc 360
 tttctcaaat atacctactg gattaattta tggcaataaa attttttttt gtctttttca 420
 gtttttatc 428

<210> 230
 <211> 160
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. AA328993

<220>
<221> unsure
<222> (1)..(160)
<223> n = a or c or g or t

<400> 230
gcttttagagc agttatggga gttatagatt ataacatatt agtgatttgt gaaacttttt 60
tactaaaatg tgaccctcat tttncctttac atgaaagaac atagaatatt tcacaatgca 120
tcccacgtgg taagaataaa aaattggttt agttatatgt 160

<210> 231
<211> 359
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA342337

<220>
<221> unsure
<222> (1)..(359)
<223> n = a or c or g or t

<400> 231
agagataacc agtttatttt ggggagcaaa gagaaagggt ccctaaccct agactgcctg 60
cgaagaggtg aaatggaatt gaattgggatt atggtcagcc aaggcttcct agtggagctg 120
ctacctganc tgagttttta gaggggtagg aaagaaaaaa tgtagtgggt cataatggca 180
ttccagatac aggggacaca aacagctctg tgtttatgaa ctacaaccag ttgttgactt 240
ttgtttcaag tggctcccct tcccagtcg tgtgtggacg atggactgaa gaggagaagg 300
ctgggagcaa gggaccagta agctgttgca gcagtgcagg tgagatatga ggcctcaac 359

<210> 232
<211> 354
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA342918

<400> 232
accataattg acttttttatt taaaaaatta cacggagcaa tttccagctt atcttttttt 60
ataaaagtac tgcctatatc aaacatttta tatcacgtta attccattga agagctgcct 120
ttttctgtta aggtactgat tccaattgat gggatacatg cccttaatac agaaagtttc 180
cattatttat tcaaatatca aaattaagat tattgagaag tttattgctt tatggctggg 240
caagatgcta ctagcacatt ttaggtaaat aatattcttt attaaaaact atgaggggtca 300
ttctgtttta aactttttcaa gataattcac ggggaaacag gtatatctat tcaa 354

<210> 233
<211> 346
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA347359

<220>
<221> unsure
<222> (1)..(346)

<223> n = a or c or g or t

<400> 233

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gtgttgcaaa gcctttaatt agaatgtttg tattttttac atcatgcata acttcacatt 60
tgtgattaat tagtaattat ttcaatactt gtaagcncat ctgcctcaga tttaatcata 120
atacatgaat taaattaatc aaattaagga acagcaattt agaaagaaac acactttaag 180
aaatcaaaat tctcaattca ggcagtctgt ttctatcatt tggatttcta ctcttttaaa 240
aatttcatat tgccaacaa aaagtgggta tttttactgt ttttggagat gactgaacag 300
atgaagggca tcagatgcct tcatcagctg ggtattttgc ctaaga 346
```

<210> 234

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA347578

<220>

<221> unsure

<222> (1)..(347)

<223> n = a or c or g or t

<400> 234

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gataatttag aaatttatta caaaactttt aataaaaaat acaatgatat tacaaatttg 60
gtttncaaa gctttcaaat ttttctnaac attatctntc gttttaagan cacttttgaa 120
gtcggcagtn atttaaaatc cttactagaa aaaaaaccaa agcccaagggn ttttgcattt 180
agncatcatc taggtataca gcgtgttttc cgaaagcatc ctttaagagt ttggagattt 240
gatgaaattg ctcatgtaat aagcagttag tgaatactat tgaatccnaa acccagataa 300
gtcatcttgg gctggctgtg tttttcatgt gaaggaaact catttta 347
```

<210> 235

<211> 174

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA348446

<220>

<221> unsure

<222> (1)..(174)

<223> n = a or c or g or t

<400> 235

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aaancaccat ggcattttta taggtaaatg ataaggnagg gatggaacaa aagaccaca 60
ggtttgctct agatgtaatc attgagatag ataccagaac tgccaacact ggtgtgttgt 120
gttggaact caaatagcag caggaggatt tccatagatg gtgttttcca aagt 174
```

<210> 236

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA349417

<220>

<221> unsure

<222> (1)..(351)

<223> n = a or c or g or t

<400> 236
 agtgtacaag agtttatttta atgatatctg anttttagttc tatcatgtgg ggcccacgtt 60
 acaagtncca tctgggtcca ttacaactct aaccaacccc ccaccncccc ccaaaaaaaaa 120
 ggaaagaaaag aaaatccaca actttttcca tgtcattaaa tataattcata tataataacc 180
 ataatatatt agtatgcatt ggaaagggac attgacccaa acaatacgtc atgggtcaca 240
 ctaaacattt acaattctga gtgaacagaa atccaaaaca caggaggggg cagagggagg 300
 aggggaagtg catttggggag gagggaatgg gnagnaacgt ccaatgacag g 351

<210> 237
 <211> 196
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA350265

<220>
 <221> unsure
 <222> (1)..(196)
 <223> n = a or c or g or t

<400> 237
 caatagcaga cttttaatca atgccagaga caaagtgagg ccgagctaag aacacgctca 60
 gctncgttac aatgaagaaa tggtttcctt tcgatgcaaa gtataattgt aaaccacagt 120
 gctcgacag ttcacgnctg nttaaagnga aatcttagcc atacatcacc taaaagtaat 180
 taaaaagtca acacag 196

<210> 238
 <211> 286
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA358038

<220>
 <221> unsure
 <222> (1)..(286)
 <223> n = a or c or g or t

<400> 238
 caggttattt ctctttctcc tttttaatgt agagctgcag atacacttaa gttgccatag 60
 taatggcaga aggaggggaag ggtgttttct ttgtaaaatc attggngtat acaggatggc 120
 ttggcaggta acaacactat ttctacgata tctacttatt aatataattt tatgttaata 180
 tcccattctc ctcaccataa tcaccataat gttcaaattt taattttgta ttcattttga 240
 atgtttgcat gtgaaaaccc aactaatcta ttatttcaac attaag 286

<210> 239
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA370867

<400> 239
 gtgttccaat aaaactttat ttatggatac tgaaatttga gctgcacata atttccatgt 60
 gttatgaaac attatactcc tttcaatttt ttaaaacatt gaaaaacgta caaatcattc 120
 ttagctcatg ggccatacaa aaacaggcgg caggctattg acctgagggc tagaagtttg 180
 ctgacccctg ctgcagacct tcaaggtaga gtcagatcta tttcatctat ttccctcact 240
 ggctagtggc agggcctgga gaaaataata caggttttgg aggagtgtaa gtttgaattc 300
 aagttcaagt tctatattac attgtactca gcaataacag atactaaata acggttgctt 360

tcatgccctt ttaaagtcatt attttttatt gggacctgct cagtttttta tcttaattcc 420
ctcttatccc aataatgcag gttctcaagg gggctcacta agg 463

<210> 240
<211> 332
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA371520

<400> 240
gctgagatga gatgatccat cctatttcag agtccagaag actttctgca agatcagcta 60
gggtatttgg ttaaactaaa aagaaccact aaaaccccaa aaaagcagaa acacccttaa 120
ccccctgtct aaactggaat caaatcaaat gagtgaagga tgcctttga tttctcctgg 180
atccacattt ttattcagtg gcacaagggtg gttatcaggg tggtagtggt tagtggatga 240
tttaccttgc ttgttttggg ttaacgattc tgtccaatac atgctgatca agcactaata 300
aaagactaga ctgaaccag atgtgacatt ct 332

<210> 241
<211> 287
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA374109

<220>
<221> unsure
<222> (1)..(287)
<223> n = a or c or g or t

<400> 241
cgccgaccat ctctgcactg aagggccctc tgggtggccgg cacgggcatt gggaaacagc 60
ctcctccttt cccaaccttg cttcttaggg gcccccggtg cccgtctgct ctcagcctcc 120
tcctcctgca ggataaagtc atccccaagg ctccagctac tctaaattat gtctccttat 180
aagttattgc tgctccagga gattgtcctt catcgtccag gggcctggnt cccacgtggt 240
tgcagatacc tcagacctgg tgctctaggc tgtgctgagc ccactct 287

<210> 242
<211> 265
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA376468

<220>
<221> unsure
<222> (1)..(265)
<223> n = a or c or g or t

<400> 242
gtaatttaaa caaatacca aagcttttatt taagcaaaaa cacattcaac cacagaacat 60
tcagaaagct aacaggntca tttctacatt cattctgcaa acagtgtagt aagaaaggta 120
atttgagaat ttccaaagat gttctcgcta gccattattt atggtaatta cataacattt 180
tgatgtcaag ttattacaga cttaaaagtt aatatagcat aattttacaa tcgtactttc 240
actatgattt ttattttaac cctgg 265

<210> 243
<211> 292
<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA380393

<220>

<221> unsure

<222> (1)..(292)

<223> n = a or c or g or t

<400> 243

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catggagtca gggacatggt taattcattt gtgaatcccc tggtagctggc acatagaaaag 60
cgtcccatat tatctgcaaa atgaatgant gaataaatga gcaagtaggt gaatgantga 120
ttctnagggt tcctccagct ttgatggcct atgaccgtgt gactcctgca tatgcatgan 180
cacacagaca cagacactac acacatgcac agacacacat acacacttgg ngcaaagagg 240
gatgaagcct gccacactgc aggtgggtct agctgcctga cctcccttcc tt 292
```

<210> 244

<211> 255

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA382275

<220>

<221> unsure

<222> (1)..(246)

<223> n = a or c or g or t

<400> 244

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aaataataaa tgaaagattt tattcatctt tgtagataac aagcactcaa aggttaatga 60
gtgaaggaga taaccatctc ctccaaacaa agnggctctt aataacgcag aagcaaaaat 120
ctttccactt ttagatgaaa acaaaactaa aaataacttc aggcttcaga tatggaaata 180
aagcaccatt tttcaaattg tagacttggc ttacttaaaa taagtaaata gcccccgnc 240
atctgaaaaa gaaaa 255
```

<210> 245

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA386264

<220>

<221> unsure

<222> (1)..(407)

<223> n = a or c or g or t

<400> 245

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ttatttaata actgtagaaa tccaaaagaa ttagcatcaa atcttgaagt cgtgagtnaa 60
gctgcgggtt ggcttgactg ggctcagcca ctgagctgcc tcaaccggcc aaggaacggg 120
attatgatga ctatgcggac ttctatattg tcttcatctc attgtgtgta ttatgtattt 180
agtttcaata aagcatttgt accaatggct ctggagcttg gaggaagact aaaggaatgt 240
gtagtgattc tgaagtaaga tgtagaccta cgcagcagag ctatggggga gaagattaac 300
aaagtccttt cttccaatat caggatagtc atgagttgca gtcccatcca aaaggtcatt 360
agggctnaaa ggccctctgt gtctctgaac tatgagattc ttgctcc 407
```

<210> 246

<211> 205

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA386386

<220>

<221> unsure

<222> (1)..(205)

<223> n = a or c or g or t

<400> 246

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ggnggtaaaaa ttncaacttt atttggccaa tgtgttcaat tcgattgtna aatagaaatg 60
cctganganc tgtnagcgtc tgattcagct ccagcatcct tcttcaggcc aaagaactcg 120
aggatgcgct gggtgtcggg gtgggtcgctg tcgatgaaga tgaacaggat cttgcccttg 180
aagctctcgg ctgctgtttt gaagt 205
```

<210> 247

<211> 440

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA397919

<400> 247

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ttttctgttt aagaacagct gggtttattct tttgatttat tgtaggtatt aaaagtttct 60
tttgtgagat ggcacatagg cagggttgggt gtttcctaac actatgaata tcttaaattg 120
cttttgaaag ttttatccac aaagaaagaa aaataagggt ttcctcacag ttgaaaatag 180
tttttgaaaa aagggttaaga ggaaaaaaat ctaaatacca tccttgataa agaaatggaa 240
cttcaagtta aaaatacaaa tttaaatgaa gttttataaa atattaaaaa ctagctaaaa 300
gtacatgcat aggcatttaa tcaaggtaag aggaacagca gtggaactta aatatgatac 360
aatttatcaa caataaataa acattttcagt gcaaatagtg cagaaaaatt tctcaaagat 420
catagcaatc attctaatac 440
```

<210> 248

<211> 425

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA398280

<400> 248

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tttgcgtggg tcattctgat ggtggctgct gtcagcctcc aagtggctta tgggatagga 60
caacccccca ggcacttcac tgtaggacag ttagcaccaa gagctaagggt tgtgagataa 120
tgcaaatctg gctgtgcacc tctgcagagt acagggtccc atactgtgag gcagcagcag 180
cagagggaaac caccagagaa acagcatttc agaattgtct ttcctttgggt gtatggatat 240
gtgtgtgttc tagtctttgg tgggcaatgg aatctgcagc tccatgacaa tcttgtaaag 300
tagcttatgt gggaagtgtt tcaggtcaca agggccaccc attctaaggc ttctcactta 360
attccccagg ctaagagaca ggtggggaaa ggaaaaacct agcaccttgc tatactgaat 420
tgga 425
```

<210> 249

<211> 515

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA398719

<400> 249

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tttttgcata atgagcgcac tttattaaat agatagttaa cgcactgctt cttactcatt 60
```

```
ccaagttgct gtaggtgctg cccgcattaa cagcagggac aaaagcttcc tatgcgcggt 120
tcagcaggaa tactctctcc actccaggta cttctttgtt ttggattttt ttggcatgat 180
ttccttccca tgtaaagaaa gccaaattct tcaagacaca ggtcattcag ctttagtggt 240
ggcctccagg ttctccttgg gccgtgcaga aggccagggt ccgcacagtg aggccctcct 300
ttgtcctcca ctgaaagctt ttcactgttc ggtctgcaaa gaaagagggt cgccctgccc 360
tgctccactc gccagggtgg aagtgggtgga gggctgggaa agggctttct tcacagggca 420
gtgctctcgg tatcattgtc tatatccagc aggatgcggc caggcacgtc tttgctgggt 480
gagtctgagt gcatttcagg aaagatgctg cgatg 515
```

<210> 250

<211> 382

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA398903

<400> 250

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tttaaattag tagagacagg gaatcttact atgtgaccca gactggtctt caattcctgg 60
gctcaagcga tctctctgcc tcagcctccc aagggtgggt tatatgcgtg acgcgctgtg 120
cccggctcca aagaacattt ctttaagatt gtggtgcaag gatcacacct tgagaaacac 180
tgatttaggc cttcccacag tacaagaaa tggtgcctgc cccatcctta cagcacacct 240
gatgacttac aagagggtgct gctgaattcc tcccagggaa gcaaccttaa ttcttctcag 300
caagacaagg aggcagcctt caggaaggac ccaggagctt ggtattagag gatgatccaa 360
gtctgatggc aaatttagag tg 382
```

<210> 251

<211> 449

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA398908

<400> 251

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tttccagatt tataatttaa tggetgtgca gatcccagtc cctcatttct gtcgctcagc 60
tgcccactgg tctgggggtca gggttttctg ttcaaaggca tggatgtgcg ggactcttct 120
gctaggcacg cgctcaccag cctgtgtctc tgaagcagcg gtttcccctc gaacttgcc 180
gacaccacca ggactcggaa gctacaggag caacgggtga gggtcgtgtc ctccacctcc 240
acatgctccg cctccaggtc ccgctgcagc ttctcgcgga ggtattcggc gctgagttcc 300
atggcggcag tccagctgga acggcagccc agcagggaca caaccccagc tcgggcgcgc 360
gcacgctacc ttgctgcctt acaggagcca cttccgctgg aaaactcact tccgccttac 420
taaggcgtag gtcaacgcag tacttccgc 449
```

<210> 252

<211> 384

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA399101

<400> 252

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ttttataaac attattaaat tttattaaca aaacattttg tacattttta tacatgtgga 60
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acaaaagatt tgacttttaa attcccctga acatataaaa ataaattaat tttacttttc 240
aattaaatct accaattaga aatattacaa atcaaaatat caatgttatc ttatgaattt 300
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<210> 253

<211> 333
<212> DNA
<213> Homo sapiens

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gccgggttg gtcggggggc agcatggcat cggacgtggt gccgtctgtg cctctcctgc 240
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agcaactcag cctccggagt cttcaaaggt gac 333

<210> 254
<211> 426
<212> DNA
<213> Homo sapiens

<220>
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<400> 254
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caattccccc ctcgagtctc cctccagcac tgtgtgacgg tggcaggagg tgggagggtc 180
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gaacacgggg ccgctcatat cccagttcg cagcggaac gaggcgtctt taaatgggtt 360
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gctgaa 426

<210> 255
<211> 481
<212> DNA
<213> Homo sapiens

<220>
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<400> 255
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atagacagta actgggaagt tactttacgt tagatgatca gagagctttt tgcagcggtg 180
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cgtaagaaca tatgtaaaag tagatacaga aggtttgtga gaaacaaatt aaatgagcct 420
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<210> 256
<211> 486
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA401297

<400> 256
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tctttctccaa gaggtgcgag ggtctggggg ctcgcgtcct ccttcaagggt cagccccgccc 240
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<210> 257

<211> 467

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA401433

<400> 257

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tatcatatca gccacagatg tttgagaatg tagatgagga ccttcttttc taacataatg 240
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ataaatgtat tcgtttttaca gttcgggtcaa atcacaattc aaataagatc caattaacaa 360
ttgggttaata tgtctcttaa gtctctttta atctataggt tcctctcca tctttcatcc 420
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<210> 258

<211> 378

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA401965

<400> 258

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cctgctgggg gaggaaggagg ctcgggacaa agtgggagaa gtgctgggaa gggctgagcg 180
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gggacctcgc tgctaactct tgttggtggg ggggtgtcct agtgctgcca cctggagggc 300
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<210> 259

<211> 641

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. AA402000

<400> 259

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ttatacagaa cacatttact caggacctg cagtgtcagc ttcgttcttt ggggtatgcag 180
ccttctatct ggatctctgc aggccagcca gaatatctgt tgttcttagc atcagagtgg 240
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cagctagacc tgaatttcat gttcctgatt tctttacttc caagtgttc tatggcattc 360
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tcaaaacatc gtgttgctgt cacattccca gttacatagt tgacaatggc aatgtttatt 540

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 <211> 290
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA402224

<400> 260
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 ctgcaactgt accaagtcca gggcgccgct ccttcctgcc gagcgcaggc tgctgagtca 180
 cgctgcccg gccagtctgt ccttcctggc cctgaggcca acgtcctagc ctaggccttc 240
 ctgggcgagc agccgctcca gacacttgca gagtccctcag ctcgaccagc 290

<210> 261
 <211> 483
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA402468

<400> 261
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 acaatagatt gtcacctctt ccagcgggag aggtggagat gatgggcata gtctgggggtg 180
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 tctgacagac tagagcaggc tggatcactg gctcccatgg gcatttgcca gcctgtgggg 360
 agggtagtca tgcgctgctg ttgtactact gttggtgttt aagtgcacca gtggaggcgc 420
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<210> 262
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 <212> DNA
 <213> Homo sapiens

<220>
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<400> 262
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 agcagcaggc agtcagtctt ggtgaggacg ggcatagcag acaacgaatg gtcagattcc 180
 aggaagaccg gcagcagcag cagcagcagc agcaggatgg aagatgggtca gactcaggga 240
 ggactggcca tggtagttaa cagctcttca gactcagtga ggccagaagc agcaggagac 300
 ggaaggcagt tggccttggg aaggacaagc catcagggtt tgggggcact gacaggcgtg 360
 aggttcaagg cagtcagatt caaggaggtg gcagcagtgg ggagggaagg cagactcagg 420
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<210> 263
 <211> 269
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA402903

<400> 263
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 actcatttac ccggggacag gagaggctct tctcgtgtag tggttgtgca gaccttatgc 180
 atcacgggca tgagaagacg tccccctgct gccacctgct cttgtccacg gtgagcttgc 240
 tatagaggaa gaaggagccg tcggagtcc 269

<210> 264
 <211> 359
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA402930

<400> 264
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 caagctgagc accttgagtt gcatttgagg aatgaaaaac tatagggtgac gcaaccccat 180
 tgtgtcgaat tctttcttta catttttttg gttgctacaa ggaatcagta tttttttttt 240
 ttaatcagat ggtgtgtgtg gtggctcaca tctgtaatcc cagcattttg ggaggccgag 300
 gcaggaggat cacttgaggc cagaagtttg aggctgcagt gagttatgat catgccact 359

<210> 265
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
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 acaccttaac aattatgaca aggcaattat aaataacttt ttttccttag taatatatat 180
 ttgctttttg aagtacatta aagagctgcc atatctaggg ttagctagga aagagcaatg 240
 gtaccatcct gggagcccac ctcttgaaa gattagactc caattttcaa aatcctaagg 300
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 ttgaacctta acagcgtttt accttttagt catt 394

<210> 266
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 <212> DNA
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<220>
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 ttttttgatt ttaaagatac aattagaaat aatgtatatg atgaaaaagc tgtttccac 180
 tccaattcag atctgtgatc tacactggga aaaatgacca ctctcatga agttttgtta 240
 ctgacctctc ttggacttta gctctccatc tctgctgagg ggatatgaag gtatttgcac 300
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 atagctggaa atattt 376

<210> 267
 <211> 294
 <212> DNA
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<220>

<223> Genbank Accession No. AA405331

<400> 267

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agactgaatt ataaaaaaaa aactttttat ttttgtcact aaatacaatt agtttccctg 180
attataaccc ataatacaatg tcacctaaca tacagatggg ctgtacagag gtgagacaac 240
cccaccatct ttctctacat atatattagg accactaaac tcagataaag caga 294
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<210> 268

<211> 207

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA405488

<400> 268

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accaccttat aggtaggtta gcaaccc 207
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<210> 269

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA405533

<400> 269

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tattggaaca cagctacatt cagtccatgg ctgcttttag aatacaacag tagactttta 180
catttggaac agggaccaga aaccagagcc atacagctaa taaacttgaa aatatttaca 240
agttgatgct ttacaaaatc catctgctga cccctgctct gtaccattgt tctcttctga 300
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aaatgtgctt ttcaagtttg acttttttag atgcaat 397
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<210> 270

<211> 348

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA405559

<400> 270

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gtcattactg aattcccatt ggactacaga gtgaaacag agaaggta taaacattc 180
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<210> 271

<211> 359

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA405616

<400> 271

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aatgccttct ccatttcctc atacttttca cctgcctgtg attgggcca gacctgttcc 300
cattgccccaa gaaagctctc aggaagatgc tcaagtgtct gcagtaagaa gcaatcagc 359
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<210> 272

<211> 310

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA405902

<400> 272

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gcagcaacaa caactaacat ttgtgtagca ctttacaatt cacaaagtgc tttcaacata 180
cattagctca ttgaatcctc acaacaaccc tgtgaggtag gtatttttgc caatttataa 240
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gtaaagatgg 310
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<210> 273

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA406371

<400> 273

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gctgggggtga tttttttttt tttttttttt ggcagtcttc tcagagccag ggtgtcagga 240
ggagttcaat gagttcaatg tcagaagcag gatggtgcaa cgaagaaggg ttcagtgtga 300
ggggatccag gctggaaagt ggaaactaag gcattcgtcc tgcaga 346
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<210> 274

<211> 143

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA410298

<400> 274

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gtatttccac agcagctgtc cat 143
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<210> 275

<211> 298

<212> DNA

<213> Homo sapiens

<220>
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 aaaaggaata cagttcgcgc aaagcactta ttttcatctg ttgtaaactc attcctttcta 240
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<210> 276
 <211> 445
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. AA410355

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<210> 277
 <211> 415
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. AA410383

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<210> 278
 <211> 574
 <212> DNA
 <213> Homo sapiens

<220>
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<210> 279

<211> 395

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA410954

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<210> 280

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA411860

<400> 280

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cactctctcg aactagagca cgttccagga tcacgcggcc ttccttatat cgctggctgt 240
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<210> 281

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA411897

<400> 281.

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taggaaaaca tctgactaa acatatttgg attttccttt tttcctcgcc ctgtgggtgta 180
tagccctgtg cagaatcaag cagagccctt tcttttcacc tccttatcca aaaccagggt 240
tttattattc gttgacaaaa tcatcaagga actacataga cacacaccat ttttgggagg 300
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<211> 73

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA411952

<400> 282

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ccttggttata cag 73

<210> 283
<211> 289
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. AA411981

<400> 283
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ggggacggca caagctcact atgacaggag cagcaaggag ccggccagag gaggggtag 180
ccacgacccc caggatcctg ggcaagaagc ggcagacaaa cttggcacag gggcctaggg 240
tgagggggac tggggccttg gtattctgtg ggggagggag ggggatcac 289

<210> 284
<211> 406
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA412049

<400> 284
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ctgccatcca aggaagcgca gaaaaggaca cccctcaggt cctggatgga ggaggatgac 120
ccccataact ggatggagaa ggatgcccc agtcctagat ggagaaggat gccccctca 180
gtcctggatg gagacgtcat gagtaactgt cggtaggaaa catcatgttc ttcattctgc 240
ccttgctcct tgggctccaa caggaaaaac cagaaattct gtggatataa aacatggaaa 300
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acatgcaa at ggataaaata tgaatgatta tgttctcatg ttcaac 406

<210> 285
<211> 521
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA412063

<400> 285
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cggtttgagt ggaacagctg agaaacagca tatatatatt ttaacacctc aaaatagttt 180
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aagtaataaa ctgtagaact ttaaaagtag taaaggcata taccaagcat acgtgactcc 420
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gaatgcacta atgaaaaggg taaggcatcc aagcagagtg t 521

<210> 286
<211> 336
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA412267

<400> 286
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 ctttccaaaag ataggtcccc tggattccac atgattgaag taattgctta tttctgtgat 180
 ttttagaccac tggtttgaca aaaacaaaat gaaccacgag gggggagaaa gaaaccagaa 240
 accctatttg taacaaagtc tcaacaatga gatacaatgg tattagatac acgccaaaac 300
 acacacacac acacacacac acacactcaa caaaat 336

<210> 287
 <211> 377
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA412443

<220>
 <221> unsure
 <222> (1)..(377)
 <223> n = a or c or g or t

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 agggacagag gggacaggaa tttacgctga aggagatggc caaatagaga tggtcaataa 180
 gcttcaggag gagtcatgaa tattcatgaa aggagaagcg tgtactggtc cagctgagca 240
 aattctccat ggactgctcc gaaccaatct ctgatctctt ctccgggccag aaggaggggc 300
 ctgacctcta ccccgctcatg gctgaggact ccggttcagg gtttcttttg gatccccctg 360
 gccagaagaa ggtccat 377

<210> 288
 <211> 387
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA412505

<400> 288
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 taacaggtag aaatgcagac agtttcatgt taagccttta gaatttcctt tcacggcagg 180
 tttccaaaat aaactaactt ttctaacatt tattctcaca aaaatatatt tcaagttaga 240
 ataaacaact cattggcttc agacatttaa ttgtatgtat ttaaccatac tcagataatt 300
 gtcataattta gccaaatgga ggctttttct gtgacctatt tccaaattct cagattctgg 360
 ttcacttact ccttcaagca gtttgga 387

<210> 289
 <211> 399
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA412722

<400> 289
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 tggcagataa gacacagttt tggtgggtga atgagcggct cctcccttgg tccaggaaga 180
 gctccccctg cattgggtga tgaaattctg tctttctgaa ggccggggcag tgcacagcgg 240
 cccttcctct ctgggaatgc ccaggctcac acagtccact tcagacacct ggtctcctgg 300
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gatgggaagc cacagacagc acagaagggg cgctggggc

399

<210> 290

<211> 427

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA416685

<400> 290

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ggccagtaca tctgtggaca atgtcgagtc ctcaggaggt ccaggaggct gctacagagg 180
aaatccaaga accatgtcac atctctcaac aagtcttggg aagtccatct gactctctga 240
aacagtttgt ctctgacctc ccaggaggtg tggagggccc cttccatcca gcctgtacag 300
agggatcaga gtccaggctc cttctatagg gttgaatatc agaggggaat agcaaagac 360
cccgatgaga gagagagaga ccaaaggcta gattctttct gcaagggtga ggacggctag 420
aaggcag 427

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<210> 291

<211> 527

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA416762

<220>

<221> unsure

<222> (1)..(527)

<223> n = a or c or g or t

<400> 291

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gcggtgctggg cttgaggtgt aagctgggga gggagggcag ccgggaaggg tcagtggctg 180
ggacctgcaa ccctttcacc ctttctggaa gactcgctgg gcaggaggag agcctcctgg 240
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gcaaggctgt ggggctgggt ggccagccct tcaactcgctg acgtcccaga tctccgacag 420
cagaggcggc agcttcttgt cctggagccg caaggannga cctgctccga gtgcacagag 480
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<210> 292

<211> 348

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA417011

<400> 292

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tggaaacaaa ttacctaggt ttaaactcgt gtctcaccac tccctaattg catgacgttg 180
ggccagtttc ttggcctctc tgcattctcg tttcctcatt tataaaatgg gcatgtgtgt 240
aataataatg gcatctatcc catgagatga tgtatattca aggtttaaca taaaggctgg 300
gtgcagtggc tcatgtctgc aattccagca ccctgggatc acaggcgt 348

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<210> 293

<211> 363

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA417348

<400> 293
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gccagtccca ctgagccaat cttctaccaa gactgaaaat agaccatagt tctcatttct 180
tgaacagata tcatcaggag agccgagggg gagaccatta ggcagcccca cattttccaa 240
ctcaacaggt ggaggacatg ggattttttac cttctttggg gattgaacct ccacacacca 300
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gac 363

<210> 294
<211> 396
<212> DNA
<213> Homo sapiens

<220>
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<400> 294
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ctaaacatgt ccaaaaaact tcaactcttt tgaattagtc tccaaatcta cacaaccat 180
agaaaataga agatcattaa aatacatgat tatacacaga caaatggaca aatgaaacag 240
taattaatat tgcttgagct cagattgctc ctgtaagatc tgcagaaatc gtatgatggg 300
gtaagggttt ctagaacaat atttcatcag gagataatgg cagtatctca ttagactaaa 360
aggagatgat agatgctgga agatcagttt tcatac 396

<210> 295
<211> 409
<212> DNA
<213> Homo sapiens

<220>
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atccggggcag caataaagcg ggaacaaaac gggacgtgta gatccaacac attcagggtca 180
gtagaaacaa accagaacat tttcccctca gaaacttgca acaaaatata ccccatcccc 240
cccagcggcc ccttaccatt ttgcaaacaa aacagaaaaa cagaacaaaa cagaacaaaa 300
taaagtgaag acttcaacac ttggggcagt ttagaaggaa gctttcacca ttttatagca 360
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<210> 296
<211> 368
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA419011

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gttatctctg agtaaagggg gtaacaattc taacaacctg gcttccttag aagtttccat 180
tctcatatag tcaccgaagg cagcagcact caggcgtttg ctgccgtgcc tgcccttttg 240

tttctgggac ggctcgggtc ccgtagegcc ggcacagctg agattgccaa gccgggaaga 300
gaccttgctc caggtgtagc tgcgttttcc ccagatcacc tgccttttcc ccctccgaca 360
aggaagct 368

<210> 297

<211> 260

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA419546

<400> 297

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ataagaaaat gttttcccaa cccacaaaaa acagaaaaaa atatattaat ttataatta 180
tcttataaag ccaaaagttt tatgaattat acttttttta ttagttaaaa atgacagcat 240
aactaagggtt aatttttatt 260

<210> 298

<211> 471

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA421131

<400> 298

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aggaagcagg aactgatcat atttcgcatt ggaaatagtc ttttgctgcc tttctttgtc 180
ctctctcctg ttgttagtgg tcaatgtgtg acttccagaa agacattgga aagggaacac 240
catgggaaaa acctcagatg gaaatgcaga aatcacccat cttctgcgtc gctcacgctg 300
ggagctgtag accggagctg ttcttattcg gccatcttgg ctccacattc ctaattatca 360
ggaagtgtca ttatcagcac cgcagtgttg agaggtgaca gcgtgctggc agtcctcaca 420
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<210> 299

<211> 523

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA421133

<400> 299

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tgactcagat tcttgagcag agatcacgca acattctaca tgagacactg gcacgagcac 180
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ccctgttttg gaaatcagct taagagcaat ctcaagtctc cacaagaggc ggaggtccat 360
attccaaaaat aatgtgagcc ttcagttatt tgtaggtaga attcaatgga agaaggggtg 420
ttatagatac gaaaaatcgt ggctggcgtt accaacatta aatgactcgt ggtgatgggg 480
taagttgaca agtgaaatcc agtctcttcc taaacaaacg tat 523

<210> 300

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA421562

<400> 300

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taaaacttgt ttttcttaaa aaatagtgtg tgtaacatta aaccataacc taatcagtgt 180
gttccactatg cttccacact agccagtctt ctcacacttc ttctgggttc aagtctcaag 240
gcctgacaga cagaaggggt tggagatttt ttttctttac aattcagtct tcagcaactt 300
gagagctttc ttcattgttg caagcaacag agctgtatct gcagggttcgt aagcatagag 360
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<210> 301

<211> 222

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA424037

<400> 301

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aaatcatctt gttggtctct ttggcgctgt cagcgaccag tatcagcgcc cggcttgtcc 180
ccgctgcccc ccgctgccct ggcccggatg tgggaggcga ag 222

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<210> 302

<211> 451

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA424245

<400> 302

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gatgaattat tcttttcttg atgtcccaa tatactgag gtctgccagg aagtgcactt 180
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taaaacggag aaactcagca gtgaggacat tctgattcca agcaggaagg agatgaacga 420
tgaacctcag gctgagcgcc tcacggtttc c 451

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<210> 303

<211> 301

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA424515

<400> 303

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taacctggag ggaaatgtcc tttttctctt tgccgagttt ctctctggga aatgaagaaa 180
caagattgtg agagttcaga gttcttctc cacctgctgc aagttcacac tcagcaggtc 240
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t 301

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<210> 304

<211> 329

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA424530

<400> 304

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ggcagctgat ggcctcgttc ccaggcgccc aggtctacct gaacatcaga tatgcagacc 180
ctcgaattta caaccaggga cagccacggg cccacgcctg gatctccatg ggtgcacaga 240
cggaacgta tcaggctgtc tcagatgcca cctccttccc aggtgcttgg gtccacatgc 300
ccaacatgtt cttaatagaa atattaaca                                     329
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<210> 305

<211> 477

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA425325

<400> 305

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ataataatag taaaaagtaa tttaacacga actgtaggaa gaaaattaca agtaaacatt 180
tgcccctgat ggagaaaaat gaccttattt ttaaatttaa agcataaatt gccagtttgg 240
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ttagaaaaaga aaatgtctta tgctatatta tctttatgat tgggctccaa attttaaaac 360
aaaaatttgc ttaagaaaaa aaatatagat ttataaaatc agattaacac tgtacacaga 420
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<210> 306

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA425354

<400> 306

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attaactttt tgctttatac aaccatctag aaactataaa acagtaccac attgtgcatt 180
taacctactt atcaagaagg gaacttcata agtcataaga attctaccca tataggaagg 240
aaaaaggaga cagctaatag catagtcaca gatacaacat gagtccaagc aagcatcaat 300
tcttcgacat cactttttcc atttaccaga gtggagactg agaaagagag tgaggggagaa 360
aaaagagggg aggaagcacc cacagaggac taatcacaat ccatagttac ttttga 416
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<210> 307

<211> 305

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA426372

<400> 307

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gaaggaaaccg ttggcgccgg tgcccttcac ctgcagaagc gtgtcgttct gcaccagcgc 120
cttgatcgag tacttgaggt aggtgcgccc attctgctgg tcgaaccacg gaaccttctt 180
ggcctcgggtg tagatcttgg ccagcgacga gccgttgccg tcgcccagcc tacggatggt 240
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cttag

305

<210> 308

<211> 486

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA426374

<400> 308

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tcagcctcgg cttccacgga atccacgccc acctcttcat aatccttctc cagagctgcc 180
aggctcctgc gggcctcaga gaactcccc tcttccatgc cttctcccac gtaccagtgc 240
acaaaggccc gcttggcata catgagatcg aacttatggt ccaggcgagc ccaggcctcc 300
gcgatggccg tgggtgttgc cagcatgcac acagcccgc gcaccttggc caggtctccc 360
ccagggacca ccgtgggggg cctggtagtt aatgcccacc ttaaatccag ttgggcacaa 420
tctacaaact ggatggtgcg ctggtcttga tgggtggcgat ggcgcgttga catctttcgg 480
gaccac 486

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<210> 309

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA426438

<400> 309

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gcttacatac acagatatta aacctacaga tacaaaaagc tgagtgtact tacaaattaa 120
taactgtaca caggcagcat aaaattctct ttgtacatga caaaaacatt ccgtgtccac 180
ccagggtgaa cacagccact tcacaaacag ggtgtaaata aggaggttca ctaagtacag 240
gaaagttaca agaccatatt ggcattttta cagccattcc tgagaaagag aatgggaaag 300
ggcttaagag tcagacgaga ggaaaagagg aaaacagatg acctcctaca tcaggagatg 360
gagcagtgcg aatacagaat aggaagcaa tagtta 396

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<210> 310

<211> 364

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA426454

<400> 310

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gagacctcca ctttgaagaa caatatgggg tgggagcttc caatgtgcat tctgtacca 180
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 aatgagggaa tcccgcctgc tgggtggcaat ggtgctaggc tgggcttcat tcagcttgaa 360
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<212> DNA
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caaaggtaga gaaaatgagt aactattgag gcccccgct 159

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 atgattcgct attcatcaca ccccgagat tgagatccac tgtattttaca caaagcaaag 180
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 cccaaatatc cccccaaatg tctcttatag gtttttttat gaatcagaag ctaataaagg 240
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 aacatcacac ccctgcatag ggccagtggg atgtgtgcaa gatcagtttg gcttcattaa 420
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 taaacattta tagtggctat ggtttgata tttgtccctt ccaagcctca ggttgaaatt 180
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<213> Homo sapiens

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<220>
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 <212> DNA
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<220>
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 <212> DNA
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<220>
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09960706-092401

<400> 341
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 tccctacgaa ttagacaagt cagtcattat tctgcagatg aggaaactga ggctccaaga 180
 ggataagtga cttctccaag gtcataccac tggaaacagc aaagtcagag ctagaatttc 240
 ggggtctctg agatatccag aattctttca ctgtgcaatg ctgcctctcc aataaataaa 300
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<210> 342
 <211> 453
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA442830

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 aaatctcttg ggcagctctg ctaaaatggt tctttagaat tctgctttga tataggggca 180
 caagcattta tactatcata tcaatagcca tttgataagg agtgtcctag agaaagaagg 240
 tttcttcttg taaggcagct ccctttgccc aaggacaatt cataagtctc aaggctcagg 300
 agaaagacat caggcagcaa tactctcagg gggcggacaa atgaaagcct cagaactgaa 360
 ggggtgtatct tggaggcaca aaagagcatc cattatagtc caaccttttg ctttcttcag 420
 ctccacatac tttatgtaat acattttaga aac 453

<210> 343
 <211> 292
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA443114

<400> 343
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 caggtagctg ataaattaaa cgctcaggct ctggcccccac cccagctttc agagcccaca 180
 agcagactgt acaaagtcaa taatttataaa cccaaaccct gggcacagtg cctggaagtg 240
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 <211> 420
 <212> DNA
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<220>
 <223> Genbank Accession No. AA443923

<400> 344
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 gcagggaag actgtagaca cagaaataaa tatccgatta taagctgtga ttagaggcat 180
 gatggaaaag agcaaggctt cctgagagaa acagggcgag cacaggaaaa cctctctgag 240
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<210> 345
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<213> Homo sapiens

<220>

<223> Genbank Accession No. AA446241

<400> 345

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ggaggcaggg ccaggggaag gtgacatata gacatggagt ggggtcaagga agacacatgc 120
attcacggac ctccagggccc cttggcaggg acaaacagat ggactgacta ggatgagggg 180
aacaggacgg acgtggatgc ctccactcaag gcc 213
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<210> 346

<211> 455

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA446651

<400> 346

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aatgtactac tataacaaga cacagttttt atatattact ggaataatgc aaagaaaatg 180
aattttctt tgggtccagt aattgtcaaa ggaatgattg cagattcaga aaatgtgctt 240
tgtaataacc ctgttaacat aaagtataca ctgaggaaaa aaataagtat ggcacatata 300
tggaaggatt agttgtatta gcaaggcatt tcaggggatgg ttttggttct ttagactaag 360
taagatacat ccaatttaga ccccttcaa atccttagac aaatgggaat cacttggtaa 420
cataaagatt attttggtgg gcaggggctg atttc 455
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<210> 347

<211> 451

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA446661

<400> 347

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attcagaagt aatgaaaaac caatatgata aaaacaaaaa tcctccagta aagaaggaac 180
ctgtccattt gagagaaata caattgagaa cttgcaaatg agacaagggg agatggcaat 240
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taagtattta ttattctgaa tgaaatgtac agttgacttt tatataaaaa tcatcaaaag 360
tgctatatgt gattatttta ctattaattt aacccccaac agcatctatt agctataact 420
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<210> 348

<211> 380

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA446899

<400> 348

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gcccgtgagc tagacggact tgccgtccag ccctccaagc cccctgcggg cggccaggag 120
gatccctgag tccagcttgt aaacaccaga gccagccctg gagcctcagg cctctggagt 180
cacggcagcc cctccagacc cttggattgg ggacacctga ggcttcacga gcccgggcag 240
agctgcaccc tgggctgtcc actcggtcac cccagtaacca gggaccacct cgaagcccc 300
ctctggtcgg cccacagaga cctgctcagg cttcagcaat cgtgagtcac gattcgtgtc 360
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ttcttgaggga agcaggcgga

380

<210> 349

<211> 209

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA447522

<400> 349

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tccggaaggc	tcagtctgtg	gcagtcccg	ggctcaagac	aggctgaggc	cggctgcaat	120
ggaggccagc	agcaggagga	tggccagcca	cagcccacca	cagctctcac	ccatgctccc	180
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<210> 350

<211> 449

<212> DNA

<213> Homo sapiens

<220>

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<400> 350

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gaggctcact	gggcaggtgg	ccaacatccc	tttcaagggg	atacaccata	aagatgacat	180
tgtccaaggt	ttggagggca	gggtgatctg	gtctgaccac	ctcaaagccc	atgtagctga	240
aggcccgcag	cagggcacct	ctgtcggttc	gatcattctg	gaagttcaca	aacacagagt	300
ccacatttgt	cttctcttcc	acgtactcca	gggttgcagt	caaactttcc	cggttgcctt	360
gatccaaggc	ctgatatggg	atatccagga	agagtcgacg	gtcacagaga	aggccgtgca	420
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<210> 351

<211> 342

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA447707

<400> 351

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aaacgtaact	tgaaggtcag	cacaggagct	gctgtgatat	aaaaggagag	agtcacctgg	120
cgccccctgc	agtcctccag	ttgcccagca	gcagtgggac	gctcagtggc	acacagtggg	180
tctctgtatg	gcctcccacc	tgcaagggtc	tccccgggca	ggcccagctg	ccagaagccc	240
cggaacacac	aggaagacaa	cactatagga	tggcaggtgg	ggatctgtgc	aatacaaaca	300
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<210> 352

<211> 409

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA447977

<400> 352

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ctatactgat	tatattttatc	atgtgacttc	taattagaaa	atgtatccaa	aagcaaaaaca	120
gcagatatatac	aaaattaaaag	agacagaaga	tagacattaa	cagataaggc	aacttataca	180

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ttgagaatcc aaatccaata catttaaaca tttgggaaat gagggggaca aatggaagcc 240
agatcaaat tgtgtaaaac tattcagtat gtttcccttg cttcatgtct gagaaggctc 300
tcccttcaat ggggatgaca aactccaaat gccacacaaa tggttaacaga atactagatt 360
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<210> 353
<211> 416
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. AA448228

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<400> 353
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caaaaattat ccatgacaaa ctaggagtg aaatgggctg ggagacacag aaaatgggtg 120
cccacagttc ctgggatccc tcctggaatc ctgggtttcc ctccataggac cctgcaaggt 180
accctacgtg cctcctggaa cccccccacc cgggaggtcc caaggaaccc agtttgagaa 240
ccaaggtctt aggccaagga cttccttgca caagaagggtg cagatgtaca gggatgggtc 300
agacagtggc ctcaacctca atgggttcat cctcctcctc cagcaggctg taggaagcat 360
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<210> 354
<211> 376
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. AA448625

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<400> 354
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tgacatctga atatgacagt atattgaaaa aagaatgcat gttattttatt ccatactggg 120
gaagtgccac tataacattg ttttaaaaaa tcttcaaaaa tttcctatta gaacctatca 180
ttgaattaga aaagcaagct ttgccaaatg cctgattatg cctttactgg tcctgctagc 240
tggcatgttt caccaacttt tccttagtgt ttcctttggc actgttgagc ccactactaca 300
aaacatgaac aagtcaccaca aaaccacact atgccctctg cttcccatc atgtggggac 360
catctgcctg gacatc 376

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<210> 355
<211> 409
<212> DNA
<213> Homo sapiens

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<220>
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<400> 355
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attacaggta agctacaatg ggtttaattt gcaaaagtta agtaagaaat gttttaaaca 180
aggcttaaag tactcaagtc aattataaaa tttatatctt ttgcctttta cttgaagaaa 240
tcatgtcata gaaatgggta atgtgcttct aataaatgga agtattgtag ctggaatgtg 300
atacatgtaa cagtttaagt tcccattgaa ggtataaaat gatgaattgt tgtaagactt 360
agacactgag tctcagctcg gagctgatga agatgttgag ataacagcc 409

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<210> 356
<211> 112
<212> DNA
<213> Homo sapiens

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<220>

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<223> Genbank Accession No. AA449791

<400> 356

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<210> 357

<211> 435

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA450073

<400> 357

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ccccaccgat cccaccacc cccctcttcc cgctcgaatc aacaccaaac gctgtgggcg 120
cgagggggga gaggagccga gtggggaaga aagagggggg tagtggagag agagagagag 180
agagggagga agagggaggg aaggagagga agggcaaaaa aaaaaattgg aaaagagggc 240
ggggtacccc ttctgtagag cagacgtgtc tgcaccagcc gccttcgca gccttggttg 300
ctttcctgag gccaaagtcc gcgcggtcca aagagataat ccacactaaa atacaatatt 360
aaaaagtcac cctatgttca agtcaggaga aaaaaatccc ttccaactct ccaaaagtgt 420
ccacacgcac agact 435

<210> 358

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA450114

<400> 358

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atacttaaag aatcagactc ttgcaaacag tgacatcatt aaaaagagct tattttcatt 120
aacatgtgat taacaggaag gagatgattg gtgagttttc ttcgtaacca gggtcactgt 180
ggataggaag ggctgcctt ctttcccacc atggagatcc taaaatcaca agtccagcc 240
tccatcaatg atgacagggt taccagttac ataagcagat tcatcagaag ccaaatacac 300
gcagagcatg gctattttct ctgcagttgc gaatcttccc gtcttttgtc tcttcaggaa 360
atcattccgt gcctcttcag gatttc 386

<210> 359

<211> 431

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA450127

<400> 359

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ccgatgggtcc tcgtgggttg ggttggtttg gggggggttg gctggggggg aggggggttca 120
aatattttatt gtattttttg tttgtggcag caactcaaca gattctgctg ctgggaaggg 180
cctcagcgtt cctgaagaga gatgtagggg acccactggg tgttgccccg gctttcttcg 240
cagtagctgg ccacctccac caagccgtgg ctcttcagg cgtccgtgtg aggggttcgtg 300
accaggagac aatgcaggtc tcgggcctcg gtgggtgccct ggggtctcggc cggctctccc 360
aggagctgcg ccaggcgctg catgcccgac acccgcacga tggtgatgtc gttgtcacag 420
cagaaggact g 431

<210> 360

<211> 282

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA450324

<400> 360

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cgggccttata agtatctctt tgatctggcc aacagctctt cctctctttt ctaaaaactt 120
caaaatgccc tcatttctat tttttccctt tcagttaata atttagttta aaagtgcaca 180
cttatgggttc agtaaattggg ctttgtctag tagtcacaga tgctgagtat gaatttcaat 240
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<210> 361

<211> 254

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA450373

<400> 361

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tcattctccc aactcagaat cgatgggtct gggtagatac cctaagtaaa cagggtgaaat 120
cttcattact tgttcactta ttaagtaaaa ttttaaatta accgattatg tacaggagtg 180
tttttcacat ttcctgataa gaatcacttg gaatgccctg taaacacagc ttcactggag 240
attaatccta tcaa 254
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<210> 362

<211> 147

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA451836

<400> 362

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tcacagctt tattctctat gacatggggc atgatgtcca gcagatcatt ggcaaatcca 120
aaaacctcat gacaaatgaa aattaaa 147
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<210> 363

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA453433

<400> 363

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gcagaggagg gagacagcag ctgcttcaga ccctgagcag aaaaccagag tgagcacagc 360
tggcagcacc agatgacaga tctggg 386
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<210> 364

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA453435

<400> 364

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tttttttcac gttatgaaga tatttttcctt taatttatca aacattttcac attcatgaag 60
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acaagatggt tggcagggga cacttactag tataaaaaata atacaaatat tgtattttcc 180
tcttatctgc cagtaaaaaat ggcaaacagt tttgtctttc tgaagtttct agtcaataac 240
caaagatgag gagcccctaa taaagtgcct tgccctgtat gctccactgt ctatagcttt 300
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<210> 365

<211> 362

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA454016

<400> 365

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gggcattgta atagaagacg taatgatcgc aaaatgggaa atgtagttca aagtacgttc 180
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aatctgccaa aattgaacaa gccaaagcat ttaggcattg ttaaggtacg gaaaattcaa 300
aatttgata aactctgagg cagatggaag aaataagtgc cagccctacc acctgcctca 360
gc 362

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<210> 366

<211> 379

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA454908

<400> 366

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ccatgttgca atgcaaacac cttcaccact ggggcagtgg ggagagatgg ctatattaat 360
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<210> 367

<211> 398

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA454928

<400> 367

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gagggccatg tgaattggcc ctccattgtg aatttaaaca attttattta tttaaacttt 180
cctacatctt tttttttttt caatctctgg gaacagacta cctctgtaga acaaattggg 240
tatttttctg gaagcaacta caatcactgg gattcattca acttaagtga caagacaata 300
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taatagcaga acaggtttcc taaattaaaa aacagaac 398

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<210> 368
 <211> 426
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 368
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 gggagtcagc acagtccttt ctgcagcttc taaccaggga ccatgaactc aggtgcctag 180
 agaagccagg cagctaaagg acaaggaatg ctgggggctg tgggaacagg aatgcagata 240
 ccctttgaag gagcattcct gctaaaagaa gctgaaaatg tagacctatg tgaagtgtct 300
 tgattttctaa atattgtgaa ggtaagaaa gacataaatt taggtctatg ggctagattt 360
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 ctagcc 426

<210> 369
 <211> 256
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 369
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 aattcagtgat atgtcattat tactgctaag gaaatccttag cccttggtctg ccttaaaggga 180
 atcttttattt aatttactgt aattattgct gtgtagtcac tacttttgtt aattttctcaa 240
 atcacttaga tgatgg 256

<210> 370
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA455381

<400> 370
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 cactccacag aggaaattaa tccttcggtg acgccaacca tgcccacttc cagctgctct 180
 gccactctcc agatctgggc tgggtcttga gagtaaaaat aacctgctaa cccaacatca 240
 gctgcggttac ggattgctat agcctctcct ctgtatcgaa cttgataact ggtgccagag 300
 cgcgaaagtc tcttcattgag tgcacagcat gtccctgggtg acattgcaca gcagggtagg 360
 ctcaaagaaa ttttttccaa gttggtgtcg ttttccacct gtcacaacgg tggcaccttt 420
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<210> 371
 <211> 433
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA456147

<400> 371
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ttgattgggtg cacacattta tcctgcatat atattatgta tatgcacaga gagacctcac 180
tattatgcca ttgttagggg tctttttttg gaagtacctc attacaaggc aatgtcaaag 240
gttccagtaa ctactcaact ttgaatgaag ttcaaaatgt ccccatgcta agctgagtct 300
gtgccatagc aaaccatgat atagcaagtc tccagaatgt gtacaaatca atactctgtt 360
tgtataagtt ggtctaaaac taaacactgg ctaatgtctc caacaaggag gaacacatta 420
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<210> 372

<211> 437

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA457148

<400> 372

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ctgtcatccc aggctggagt acagtgggac aatcattact cactgcaacc tcgaactccc 180
cagctcaaac aaacctccca tctgggcctc ccaattagct gggacaactc ctgggctcaa 240
gtgatccctc cgcttcagcc tcccaaagag ctaggagtag acacatgagc aacaatgact 300
ggcaaaaagg aaagtcttcc tgttggtcct caaggccctc aaggtctgac ctgtcacccg 360
ttcacccctg ttcagccaca ctgagctcct tgttggtcct ggaattctgc acactctcct 420
gctcgaaggc ttttatg 437

<210> 373

<211> 355

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA457235

<400> 373

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aagaatgtgg agtgtgtaga tacaataaag aattcatttt atgatctgcc acctgttact 120
tgacagagga gtaagttagg gaaataaatg actcagttct tcatacatgc aaaggtaagt 180
tagttattac aaaagttttt gctgttggtt gtgctgaaag aaaagcatat gcattttaa 240
atttttttaa aaataaatca ctcaataggc ttaagaaaaa tacttttagtt catagttcat 300
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<210> 374

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA457407

<220>

<221> unsure

<222> (1)..(408)

<223> n = a or c or g or t

<400> 374

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ctatcagcca ccagatattg ttcttcgaag tgaccagagg cctccactg tcaccctgtg 180
gancacgaca aggtacagag agcagaaaaa caagtcacaa tctgccgcac accactgacc 240
aggcctagag gagttggggg gcgggggtcg cagtgtgagt tacgagtgc tgtgtgggct 300
tcgaatctcc accatcaagg ggtgatggta acagagatgt aacccccaaa gagatagccc 360
ccatcctgaa ttttaatctg ttcaagctaa aagttactaa ataaattg 408

<210> 375
 <211> 354
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 375
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 gtaattatga agacaccttt acggtgagcg ttattaaaac cctactagag gttttgggtg 180
 ggactcaaga gcaaggggtg gccacctgtg gacgagggtt ccctgttggt aacagaacac 240
 gttgccacc tcgcaagtat gcagcccaat cagtccccag ggtctcggtt cccgttgcg 300
 ccttcccat ggccactgag ctcatcatg agcctagggt gatcaggcct ccgg 354

<210> 376
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 376
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 aaggcacttc aaacgtccca agcagatctc cttttctata cagccatcca caggttgcta 180
 ggccggaaaac gggaatgat ctgaggtgct ttgtctctt tgcgcacaca tctattcagg 240
 cagcaaatcc tgtcaatccc acatcaaaga cagttcctga atctgcctct ccctctctt 300
 atttccatag cctctatgtt actccaagcc accttcattt ctcccctgac tattgcaata 360
 atccccctct ga 372

<210> 377
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
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 ttccactttc agaactagaa aatgcaaaaa tacactgcaa attagattta acaaagaaaa 180
 aatcagttta agttatttca tacatattcc ttggagaaag ctgagacaca taaacacaga 240
 aaaacaacaa taaaatacca ccaacactaa cacaaaacca aggaaagaac tgattttgta 300
 acgcttggtg attctgtcct ttaaaataaa ttatctccca tgaataaata attcactatc 360
 acagcaattt gatgagcaga agtagagaca actt 394

<210> 378
 <211> 359
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 378
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gggggtcatca ttgttacaaa agcaaggcct gtgattgtga caaggacagg ctgggggcaga 180
gaccacacgc tcaaccaggt atccaccagg tgtggggcct ttataggagc taaaagagg 240
gggcagccag caatgtggcc tcgacacctg actccaggca ctccgacctg gaggaggag 300
atgaaagaac tcacctttcc ccaggggctc agccagacct ccagggcccct gagcgggga 359

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<210> 379
 <211> 402
 <212> DNA
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<220>
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<400> 379
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tgaaggccta aaaagatctt tggtactcat ctagaattat ttggtataac agtattttcc 180
catggaggaa gacttggatt tcaggcatta aacaacgcag aaaaaaatct caaggcatca 240
caggagagg gagataactt ttgactctgg ttcccgctgt ttcaggccag gaagagcaag 300
gggagaaaaa tatttgtcca tgggaacaag taatcatgct ctaaaggaca atttcattcg 360
aatccattca tttccttttc atgcaaaatt tcaaagataa ag 402

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<210> 380
 <211> 384
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA460914

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<400> 380
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aagttagaac actactttga taagacaatc atactcaagc taagatacaa ggtacagaca 120
tactgaaatt gttaaagtac catttttaatg tttgatattt acttctctta ttggcacaag 180
actaataaga tagatgggtt gtattactct taaaatctaa gacttctcct ctagctcagg 240
gaaaataactg gtggaaacct gttttaccca aaagcagctt taatatctgt ttaaccagg 300
tattctataa taagaactcc attttaatgc acgttatcca ttacaaatgt gtgagatatt 360
ctataaaaca catatttaaa ggctc 384

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<210> 381
 <211> 391
 <212> DNA
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<220>
 <223> Genbank Accession No. AA461300

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<400> 381
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gaaacaatta gcagtcttga agtacacatt gaatacaaat taatttgatt tcagtaggca 120
catttcttgg aacaaactga agagtactta aaagatccca ttgaatgcat gtggcattat 180
tcctagttta cggatactgt ttgaactaaa tgaatcttgg gagagggcag ttagtaatta 240
atgcatttag aaactgatag cgctaaaata ttaaaactta tgcattccaa tgtttacatg 300
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cttcttactg tttcctctga ggatcttacc t 391

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<210> 382
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<220>

<223> Genbank Accession No. AA461453

<400> 382

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aatatttgca ttttctcagc ggcacgtccg ggacctgggt ggctccgaca cgccaggccc 120
gggaaggacc cggcacccctc ccctgaactt cctggctact catttccagc gaagttaa 180
ctatttttaa taatcgttca gttttcaagg aaatggagga gctgtttttt cccacggagc 240
ggcgggccctg ggagggggccg gccacgcagg ttccggccgc gatgccgtca gcgccttc 298

<210> 383

<211> 353

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA461618

<400> 383

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ggtggtttgc tgcacctatc aacacatcac ctccgtatta agtccagcat gtattagcta 120
tttttctca tgttctcca ccccccgcca cagccctgt taaattaatt tcttattctc 180
cttaatatcc catcacatt cagattcctt ctcccttaca aaaatatatt ctattttgtc 240
cttgctatct ctcatactta gatcattcat acactatatt tattttttca ttaactatt 300
ttaaacctt tggaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaa 353

<210> 384

<211> 420

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA463311

<400> 384

caccagatga ccacggcagg gccgtgctgg gtgagggccg gggctccgat gccttcttcg 60
acgcgctgga ccacgtcata gacatacacg gacacatcat cggcatgggc ctgtcgcccc 120
acaacaggta cctgtacgtg aacagccgcg cctggcccaa cgggtgcggtg gtggccgacc 180
ccatgcagcc gccaccaatc gcggaggaga ttgacctgct ggtgttcgac ctcaagacca 240
tgcgggaggt gaggcgggct ctgcgtgcgc accgcgctac acgccaacg acgagtgtt 300
cttcatcttc ctggacgtca gcagggaactt cgtggccagc ggggcggagg accggcacgg 360
ctacatctgg gaccgccact acaacatctg tctggccagg ctgcggcacg aggatgtggt 420

<210> 385

<211> 253

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA463693

<400> 385

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tatggagaga ctgtcgggct gacggtgtca cagcagatcc gagtccacgt gtggaaacag 120
cagccgcccc gccctgggtg tttcctccag gaaaggcctg gtcagtgaat gcctgcaggc 180
agcagggtgt caggaatcac ctgcccgatg ccagcgtgct tcttgtctgg agggccagac 240
tgtcatgaag tca 253

<210> 386

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA463726

<400> 386

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gacatcagcc atgtgtgtag cttcagcttg tcttcttttt aacttatggc tgcccatctc 120
ctgcttcttt agtcttagca tgcttaggat taggtggagt cttctctttt acatcagagc 180
catctccacg ctcaactcga gtctttttcca gatccatttc ctggcaatca ctttctactt 240
tacgttcttc gatcggagggt gttccttctc tctcttgtec aggttcaata tcctgattgt 300
cagttggtgg ttcctcttgc tgagattcac cgggagccac gaatgc 346
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<210> 387

<211> 403

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA464598

<400> 387

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acagttaaaa atggttaaagc aatacaaaaca atgtgttact agcagcatcc agtcgtaga 120
atctctcacc ctgcttctcg gtctgatctg tgcaagctca gtctcttctg accctgcagc 180
tacctccatc cctcatcgta gtgcaggcca aaccaaattt tataaaaatta acaatttaag 240
gttaaataag cttaataaag ggtgttaaat acaagacact tcatcaaagc ttctgtacaa 300
agataaacia atctggcatt gtacaagtgg ttccgctggc tcacagcaca caggaagtt 360
ctagtgaagta agcagattca ctctcatttc tttccagcag agc 403
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<210> 388

<211> 315

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA464728

<400> 388

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acactttccc aaagggtggtt gcttccttta agatattgca caatagaaaa taaactcttg 120
tcaatcctta aaattagtct tcaatgctat gtatttttagc tatgtaactt gtactgtgtc 180
aacagtgaac cttatttagat tcacgggtgtc atcgaaactta tagcaagata aaaatcaatc 240
agtaggaatg tcatttttaa aagtaaaata gtgggacggg tgtggtggct catgcctgta 300
atcccagcac tttgg 315
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<210> 389

<211> 302

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA465093

<400> 389

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cttttggttg catgccctga tctgtagaag ttaacaagga aataaaattt ccaagtattt 180
aaaaaattta ctcatcttcc ataaagcgac ttttaatgta tcaacactta aaaatacaca 240
gtgacttaat gaagtatcag cacaactgca tagaattgag ctccagagaa ttatacactc 300
ga 302
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<210> 390

<211> 296
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 390
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 tcagaataact ggtcttgtga tataaatcag aatactgggc agggagagaa tctgggtcag 180
 agcacaggag ggcttctagg atcctgatct gaatagtggg tatatggctg tgttcaatgt 240
 aaaaattcat tacgtttgtac ccttaaggat tttgcatttt gtgtgtatta cacatc 296

<210> 391
 <211> 519
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA465491

<400> 391
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 gaatgattag gaatctgaga acagaccgtg ggcggctatg ctgacagggc tcccggatgt 120
 ggaagctggg ccctgctccc ttgcagggga ctctgcccag ctggaagggg cagcagctcg 180
 gcaggccctg accggcaagc gggcatgcag gcagcccagc agcagctgag cttccagaat 240
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 ggcgccagc ggcaagtggg tggcccgaag gcaactgttc ccgcccgtgc cactctgcag 420
 gctgtagtgg tegtccgct cactgctgct gccaacactg tccagctcac cagggccaaa 480
 ctccatgccc tctatgtcca cttcttgctc tgagtcgtc 519

<210> 392
 <211> 399
 <212> DNA
 <213> Homo sapiens

<220>
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 aaaatatatt cttcctaggc aggaagggtt cagaattgat ttggaaatca gagatttctc 180
 aaaggaataa ttaaattctgt tcacagtagg agaaaagtta catatggata ttagtgattt 240
 cgtttacttt tattaagaaa agagactatt agaaccatgc cctggggaact cagggtgtaa 300
 aagacagtgt cacctcacia ttctgcagag gacgaccctt aggcaaaaat gttctactaa 360
 ataggacagg tttgagtaca agggagcact ggatgatga 399

<210> 393
 <211> 358
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA476594

<400> 393
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 ttttctgaac aaatgatcat gatccctcag tctttcccggt ggcatgctcc taaaacaacc 180

ctctatgtct aatcagtcac ctaagatatt gagtggcaag tctttcacag ttgctgctta 240
 taattcctaa atggtccata ttgagtattt tcattttctgg gtaagggaaa aagcattttg 300
 gtccattaat tcaccactc gtccttgag gagattaacc aattctgcta ttacgaag 358

<210> 394
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 394
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 acatttccag tgtaatgaga gataaagagg aatactgccc accgaggaaa tgactttctt 180
 caccatgctg accacactgc acagcgccc atccggctgg tgaggatggg gaggtgggaa 240
 gaatctcaaa gcactggaca gggtagggac tcaggaagtc acgggggtcag cccta 295

<210> 395
 <211> 246
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 395
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 cagttcactt tagctacccc caagtgttat gggcccgagg cgaggagagt agcactcttg 180
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 ccatgg 246

<210> 396
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 396
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<210> 397
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 <212> DNA
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<220>
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cttggcactg tgtgacctgt gtgcacccca ggtgaccagg cgccggggacc cctgcaggca 240
gagcaacagg gcaggggttg gccctgcgg 269

<210> 398
<211> 401
<212> DNA
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<220>
<223> Genbank Accession No. AA478615

<400> 398
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cgacggccgt tgccaaggcc gagagccaat agaggcgctg cgggcgctgt ttcaaaaacc 300
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ggccccctcc tgaggctcag accaggcctc gcggccccgg c 401

<210> 399
<211> 451
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA478778

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gagaatactg ccaggttttt cctaattctt ttggtctttg gaagtgggca gggtttctca 180
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aagaccatgg cttcagcact tccatttttg aaagaagtaa caaaaaagtg aattaatgag 300
caatcggaag gactcaaagc attttgtact ccacagttca tttcttcaca caaacgtcca 360
ttactgcagc gggcatgaaa accggcaggg tggttaggtc atggcctgaa gagaagtcac 420
atcaccagcc gatgttttca tgcaaaaggc a 451

<210> 400
<211> 378
<212> DNA
<213> Homo sapiens

<220>
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ttttacaaag gaaaaaaaga tgacttttat aataacacat ccagatgaaa tttatcatta 240
aattttggat ttcattatgat gttaagtatg gatataattca aaacaattac tatttataga 300
accaatttga tattttgtca tttaaaataa tgaatactat gtaaatgagt acttataaaa 360
atatttttag gcaaaaag 378

<210> 401
<211> 421
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. AA478996

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tgtattaatt aatttaaatg ttacgtggag ctgggtaggg aaaggagggt ggtgggcact 180
ctgagaggca cattgccagc ttccaaggac ctttgcaagg ggcagctcca gggcccctac 240
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gctgtgtctc cattggtaac tgcctttggt gcacatttcc agaaaaccac aactggaaac 360
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acctgttggg tcttggtgtg tgggatgata attcttttgg gtgaggggaa cagccgtggt 180
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tgtttttact ttcgcaccaa caatacaaca taagtattgg gtacaaaaga ggagatttcc 300
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tcggttgatg ac 372

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<212> DNA
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aatatgtttt tggtgtgtgt gttatagttt tttgcattcc ttctacacca gagaatgaag 180
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tccaattatt tggtgtgtct actaactctt caagcctggg gtggctgtag gaacagtaag 360
cacagtggcg gtgttgataa ctgacgtgat gtgggctaaa cagacatgtt aagtcaaaac 420
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<220>
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 aataagtggg ttgcccacag ccacaccagt gatagggacg gagtaaacc atactgcagg 180
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 cccagcacct caggtgagat ctagtctgat gttgctgtac tttgtatact gtcctaatca 360
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 aggcacatag gctgattaat cagtggacaa cagaagcaaa ctgctgctgg gttacatgtc 180
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 ggcattgaccc attcttctcc caggaggagc agttaaacca gcaatgaagg aactacagg 420
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 accaccaatt tcaccaatca atatgatggc ctctgtggca gaatcgttca aaaagatttc 540
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<220>
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 tagaggatac tgacttcctt cctgggtcaca gagccctggc aaagcaaggc aaagccagag 180
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<220>
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<212> DNA
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tgtatgaaat atagctacaa atatacataa agaattcaga tcacaaaact ctctaggaca 180
ttggctgggc gcggtggccc aagcctggta atcccagcac tttgggaggc tgaggcaggc 240
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aggctgaggc aggagaatgg cgtgaacctg ggaggcagag cttgcagtga gccgagaccg 420
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<210> 413
<211> 491
<212> DNA
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<220>
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tcaggctgtt caagacaact ggaaggagtt gaataacatc tatccagtga gtcttgcaag 180
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ntccccgagc taaacacaga tgacagcgac ccagggtgct ggaggcccg gggtcacctga 180
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<211> 399
<212> DNA
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<220>
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cccacctttg ttgaatgacg agattgtaaa ccagaaacca aaaacccaaa aacaccaca 180
cagctgtctt atacttctgt aaccatttct gaacttaaaa ctctcttggt cgttacacct 240
cattcattgc atcttagttt tagcttgta aagatctttt agtagctcta acatagccca 300
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gaaaaggagg aataggata cttatttaat acttattgt 399

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<220>
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acagttaagt aaaaaaaaaa aaaagttcct atttttaaag cagcactg ggaggtgtag 180
ggaagaaagg acatgaagtc tggcatgtcc ttcaaaatat tcagcaaaga aaaaaggagg 240
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gggacccatg gtactcgtct catgtctggt tgaaaatatt tatgatgaat ttggtacaa 360
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caacgtgctg gcacgctgag tgaggtctgg gcatgggaaa gttccgggag acggtgggac 180
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<210> 418
<211> 237
<212> DNA
<213> Homo sapiens

<220>
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<400> 418
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tttgacgct gcgattggga gagctgtccc gctgcatgag ttccctctgt aatttcctca 180
gagctcacat acgtacctct ctcacgagtg aactcacatt ttccattgtt ttgcttt 237

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 aaaaaaaaaa ccaacaacaa caaaaaaacac cgcctttttg aaagagaaat gacagacaca 180
 aaagactgta aagaaaaatgg ggcgaatttc tgatagcatt tccccaaggg cagaggcaaa 240
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 <211> 439
 <212> DNA
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<220>
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 tctcatcccc ccgcccgcga cacaaactaa ggtcaaaatc agggagggag tccagggtaa 360
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 <212> DNA
 <213> Homo sapiens

<220>
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 <211> 520
 <212> DNA
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<220>
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 tcagactgtt aagatatatt taaaaacctg tattccagaa caaaagtcac agatgactaa 420

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 <212> DNA
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<220>
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 <211> 406
 <212> DNA
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<220>
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 <211> 351
 <212> DNA
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<220>
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 ttccctgcct cttttgtgat tttttgatat ggaagagtag gggttatatc ttctctgtaa 240
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<210> 426
 <211> 423
 <212> DNA
 <213> Homo sapiens

<220>
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 tatactttga tttttaactc ttcattgcacc tttttttttt tcaatttttag ctgaatggac 240
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<210> 427
 <211> 395
 <212> DNA
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<220>
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 ggctcaggga atttgagttt gcgtgggggc ccttctttaa tccagtgcca gagctccgca 300
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<210> 428
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 <212> DNA
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<220>
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 ggaacaattt atctatgtac agagagaggc aactcatggg taccataagc aaaataacct 240
 gaggggggaa atttgatatt acaagaagtg gtgagagttt acaagtcttg cattgctttc 300
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<210> 429
 <211> 408
 <212> DNA
 <213> Homo sapiens

<220>
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 aggactactg caatttatta gcggtatctg taacatggg gaataaatct gaaacctcac 240
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 gtgctcggtc caccacaaa gccagcacca gtgtttggtc caccgccgaa gccagctcct 360

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408

<210> 430

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA598991

<400> 430

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gacgtcagat	tacatggatc	gctaataaac	cgagctggac	tagatccgac	ttgatctaca	240
cacatgccac	tactgctcag	ggccactgcg	ccacgctggc	caaggggtct	gcactcacgg	300
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<211> 428

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA599120

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cttctcctcg	cctttgttag	ctgcttggtc	ttctcagga	acgatgctgc	tctgactgcy	360
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<210> 432

<211> 546

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA599216

<400> 432

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cccggggggc	ccccttctct	tttgtgatgc	cccagaacaa	tattgatttg	attatagaaa	180
gccaccggca	gcctacatgc	gcaacgggtg	gttggttggt	atatacactg	tggaaccatac	240
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cttatgatata	aatgttaggc	aaaatcgctg	ttatgaacag	ctcgtttggg	gcagagcaaa	360
tcctgggaag	taacgctgag	gctgttggtg	caggcagtg	agtacaacat	cttcgagggt	420
atggagtgcc	acggctcccc	actagtgggc	atcagccagg	gcaagatcgt	ctttgaagac	480
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<210> 433

<211> 324

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA599331

<400> 433

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tgacccagaa gcggtgtatt gcgcctcagc atggaggagg acgtgaaggc gtacggagtc 180
tgaggtagtg acaccacgta ggtaggtttg tactggtttg gctttgtgta ctgtgttccc 240
caggcaattc gaatccagac tgcattctcc tcagtttctc tgaagctgac tgtcacattt 300
ttaaagctc tctgaagaat tttc 324
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<210> 434

<211> 271

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA599365

<400> 434

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gttaccatac tcaaagttaa gatagggaga ggtagaagaa atagctgaga acttgaaaag 180
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<210> 435

<211> 409

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA599376

<400> 435

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cgccgagaca gcaccaggga ttccagcaca ggaattgaa aacagacacc tgcaattcat 180
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<210> 436

<211> 365

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA599443

<400> 436

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gtctcccagg ttcaagcga tctcctgcct cacactccca agcagctggg attacaggta 180
cccgccacca tgccaagcta atttttgtat ttttagtaga gacgggggtt caccatgttg 240
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tgaggattata ggtgtgagca ccacacccga ccagcatgac ctttaaacac aattggactt 360
aagac 365
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<210> 437

<211> 317

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA599522

<400> 437

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gttcgcgttc atgctcttgc cgctgccgct gagcacgatg taggggggtct tctgagcctt 180
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caggagcgcc tctcgtcca gcttcttcat ccgccgctct gtcttcatct tgcctgagcc 300
cttgccatgg aagcggg                                     317

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<210> 438

<211> 226

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA599661

<400> 438

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acacttacag cagacaaaaa ctgccccacc cctaattccc tccttgaatg gaaacaaat 180
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<210> 439

<211> 273

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA599662

<400> 439

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ggtagtagtg aacctagaaa tcttatataa gatgcaacta catattgtat gatcattcct 180
cttatatatg acattcaatc ctcatcaaat tcagctatga ataaatggca ttatgaaata 240
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<210> 440

<211> 281

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. AA609006

<400> 440

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ccaaaataca ggtatgtttt cattctctat gcccctaaac accctccctg cagctatgca 180
acgagcaatt cacggaaga ggcttcttta catagacccc tgtttttggg gttttgattt 240
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<210> 441

<211> 467

<212> DNA

<213> Homo sapiens

<220>
 <223> Genbank Accession No. AA609027

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 aagaaaaact aatgtgcttg tttgatata gcacagatca gtctctaagc agaagtgaag 180
 atatgggaaa atgagttgga aaggaaaatg ttatagaaaa tagtaaagac aaaccatggg 240
 accacctttt ctcagtgaaga gatacattgt cgggggacaga gtgctggaga gctgggacaga 300
 gaggaacaaa atgtctgaca gcaggagccg gagcccaggg aggaaaccag atggaaaggg 360
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<210> 442
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 <212> DNA
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<220>
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<400> 442
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 tcccttaaaa aaggctgaca aactgaccac ttggccttga atcgactgtt agggtcacac 180
 ctgccaatgc caggggacat cacaaaaaaa tagagaatgc caagataaaa agttcactgc 240
 attcaatttg gcctaatttc ttgataatag tttcctatta gattttccga ttaatactga 300
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<210> 443
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 <212> DNA
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<400> 443
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 tctacttcct tgccttcgct ttctttcctt tgctcgctct ttggggcttc agggcttcct 180
 cctggcctgc gtggctgggt atggggggcg ggataggggt gggggcgttg aggttcagag 240
 tcttcttctg aagcttcagg tccaagatgg cgaatgtgtt ctggatctgg cgctgcagca 300
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 <211> 353
 <212> DNA
 <213> Homo sapiens

<220>
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 gatgcagaat ctttcagccc cttatcagag agaacacact aaacagaaac cagaagcaaa 180
 tcagcatatg gttcaaacia taacaaatca tcagggttaac tttcagtgaa tatacactag 240
 tcctatgagc gacacacact tggcaatgcc ttcaccttgc cttaaacatt ataaatctta 300
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<210> 445
 <211> 424
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 agtccctgga ttttccggct tctctcctct tcaactctcta actccaacaa ttcatcaatg 300
 ttgatctcat cgggcatgtc tgccctccatg ccgcggtaca gctcctccag gcgcccgtcg 360
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 cgcg 424

<210> 446
 <211> 417
 <212> DNA
 <213> Homo sapiens

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 cggacacata tggctgtctt ctgggtgactg tttctctcaa actaaccacg cgggtccatt 180
 agaagctgcc atgctctcag aggagcccc gccacattct gccagcctca gctccagagg 240
 tgttgctgac ctggggggat gctgcttctt gcctctgtgg ctttgcattg tctggatgtt 300
 tcattccaat ggagtcatac ggcattgtgtt cttttgttca aatccagttt tagggcagtc 360
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<210> 447
 <211> 156
 <212> DNA
 <213> Homo sapiens

 <220>
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 tgttttttaa cctcacagtc ttgcagggtg cattgt 156

<210> 448
 <211> 370
 <212> DNA
 <213> Homo sapiens

 <220>
 <223> Genbank Accession No. AA609869

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 taaatctaga acacaaaagg gttaaataag attttctctt ttaaagatac agaatttaa 180
 gctttcctta catttaacaa acttcacaga acagatactg caggggaaca agccccacc 240

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cccaccaccc ccagctctaa gtcaggaagc gaacatgggc ttcgctcccc caggccagct 300
cccctgggct ccttcccatg gctgctcca cgcagcaggc agaggagggg gcggggggcc 360
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agaattcacc cctatttggg aaactggggg ctaaaagcaa tcagaattca ccagttcaaa 300
aacacttacg tccatcttat tagcaacact aactaccagc aggaaactaa aatagaccag 360
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<210> 450
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<212> DNA
<213> Homo sapiens
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<220>
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atagcaaatt cctaaactgg tttcttcatt gcacagtatt ttctcttaaa atgggtgctt 180
taaaacaatt acatacagat taaaaatcat ttctttgctt aattaaaacg ttaatactct 240
tagacaacac agatctgaaa tgggtgaaacc agcaattccc cccacccac cttacaacaa 300
attaaattga gacaaaatta caaacacatt tcactacatg attattatta ataaaaatca 360
gtttc 365
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<211> 487
<212> DNA
<213> Homo sapiens
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<220>
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gccaaaccag gaaggagacg agaggcccgc caggaagaag acttgggtcc gggatgggtg 480
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<211> 303
<212> DNA
<213> Homo sapiens
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<220>
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 ttactagttt ttcaatttca gataatcctt ttagaatcat ttcccttctt gaagatcatc 180
 cttttgtagt ctctttactg aagttgtgct gaggataaca tctgtttttc atctgagcat 240
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<210> 453
 <211> 411
 <212> DNA
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<220>
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 tactctgtgg ctcttttgtc tcgatgattt ttcagagaaa aaaattagct gtgttaagta 180
 gtttcaactga tttatccatc ttgaatagct gccagttctg gaacttcata catcctcaga 240
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 ctgtcagacc gtagacgttc tgattttaga ctggaccgaa tttccaaacg acaaagatgg 360
 gtcagggatg gaacagtggc aatatgttgc tgtagaatcc aagcgtttga g 411

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 <211> 277
 <212> DNA
 <213> Homo sapiens

<220>
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 tcttctgtac agaatatata cagggtggga ctggcaaggg aaatcctatc tcaggaaggc 180
 gatgaacacc accacagagc cacagaccct tagcaatgtt ccctggcttt catttgcagt 240
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<210> 455
 <211> 431
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA621325

<400> 455
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 tcggcggcac catgcaggct caggctggca ctcatcccag gaaactgtcc cagttctcag 180
 cggtcctggc tgtggacggc atctgaaatg gtcgctgcgg cttgccctgc accagggcct 240
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 tgaacttggc taccacactt ccagtcacat ggtccaggat ggtggtgtga tcagaaatgg 360
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<210> 456

<211> 464
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA621367

<400> 456
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 cttagctatca gcctcaagga aagactacca tgccttgagg aaaggccagg tgagcgtgg 240
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 tctggggcag tcagcagccc cttcagggat cttactccca gagccaccaa gcaagggtgga 420
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<210> 457
 <211> 361
 <212> DNA
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<220>
 <223> Genbank Accession No. AA621634

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 cccctttccc cagcatattg caaaaagctc tccagtgtta aggcattggc aggggtgtgta 180
 aacagcagcc agcatatgtg gaagaataat acaaagcttt ttttttctt ctaatatgtc 240
 tgtgcagcaa gcataaataa caggacccat tccaaggagt gtgtgtgggt tttccccctc 300
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<210> 458
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. AA621695

<400> 458
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 gccgcctctt gtctcaciaa agtccacgtc ctccgggaaa acggcaagcc ctccggcgtgg 180
 gggtcagcga tgccggggcc tccatgctac aacctcttgt tcttgctcag ccggttgtgg 240
 cgccagatgt tctgtttccg cagccgcgc cagtactccc ggctctcggg gtccagctcc 300
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 gtttcagggg ta 372

<210> 459
 <211> 1201
 <212> DNA
 <213> Homo sapiens

<220>
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<400> 459
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<210> 466

<211> 330

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. C02016

<220>

<221> unsure

<222> (1)..(330)

<223> n = a or c or g or t

<400> 466


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tggtcacgga gtctgaatct gccaacgtgg tgttgaggc tccaccttga aaagggccac 180
agtcagggca actttcccca tacaggaaan cttgaaaatt acancaacag tctacgtcac 240
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<210> 467
 <211> 325
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C14898

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<400> 467
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tagtatcctc aaagaaaaac atgtatttbt cttagggaac ttcaaatttg ttttatattt 240
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acaaatttca ccagctactt atata                                     325

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<210> 468
 <211> 287
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C15965

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<400> 468
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gactgtgcac taaagtgggg gctttaactg tagtatttgg cagagttgcc ttctacctgc 240
cagttcaaaa gttcaacctg ttttcatata gaatatatat actaaaa                                     287

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<210> 469
 <211> 146
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. C20547

<220>
 <221> unsure
 <222> (1)..(146)
 <223> n = a or c or g or t

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<400> 469
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taataaataa catctattga gtnctt                                     146

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<210> 470
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. C20658

<220>

<221> unsure

<222> (1)..(394)

<223> n = a or c or g or t

<400> 470

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cagatttcag	aacatgtgtt	aatagtatat	atgccactga	aaacttaggt	cctgtatcan	180
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aattgcaagt	tttcaatctt	ggactttgaa	aacaggatta	aacgttagta	ttcgtgtgaa	300
tcagactaag	tgggatttca	tttttacaac	tctgctctac	ttagcctttg	ggatttagga	360
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<210> 471

<211> 2589

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D10522

<400> 471

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<210> 472

<211> 1929

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D10537

<400> 472

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catttccag 1929
```

<210> 473

<211> 121

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D11789

<400> 473

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a

121

<210> 474

<211> 332

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D11824

<220>

<221> unsure

<222> (1)..(332)

<223> n = a or c or g or t

<400> 474

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aaatccacga tgggatgaac ctggagcttt atnatcancn nnatgagaat cctcatcttc 240
ctgccccgct ttcctctccc atcctcatcc cccacactgg gatagatgct tgtttgtaaa 300
aagggaacctt aataaagact tagatgttga aa 332

```

<210> 475

<211> 404

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D11961

<220>

<221> unsure

<222> (1)..(404)

<223> n = a or c or g or t

<400> 475

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gtaatgcttt actaagtagt gcaatgaatt tttatattta atccctgtgc ccnatttttg 360
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```

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<211> 4211

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D13628

<400> 476

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ttcctttcct ttgctttcct cgctgccatt ctgactcaca taggggtgcag caatcagcgc 420
cgaagtccag aaaacagtgg gagaagatat aaccggattc aacatgggca atgtgcctac 480

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<213> Homo sapiens

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<223> Genbank Accession No. D14826

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<212> DNA

<213> Homo sapiens

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<211> 605

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. D23662

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<210> 498

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D60074

<220>

<221> unsure

<222> (1)..(347)

<223> n = a or c or g or t

<400> 498

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 tactaacatc acatgtacat ttttgTTTT ttaattttaat gtacagaaca ggatatactg 180
 taaaabtytt cttcaccttt ttaaaaagctt catttgcaag ggcaggycat gtacctaaaca 240
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<210> 499

<211> 310

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. D60272

<400> 499
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caaatatttt gtacaaaaat acaaagtttt aaaagctctt taagtataty ccatattaty 180
actaatagty ggccyatata tcttatgcct gcatatttyb cctacacttg gwttttagaa 240
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atamcctttt 310

<210> 500
<211> 293
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D60755

<400> 500
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acggagctga gggggaggtg tgcaggttcc agcctagatg ttcaggattg agatgtgggt 180
cgtgaaagga aagtgggttt tccgggatgt gggggctttt ctvagcactg ggtccactga 240
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<210> 501
<211> 354
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D62584

<400> 501
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gaacacaatt attattctaa caatgattat tagctcattc acttattttg ataactaatg 180
atcacagcta ttatactact ttctcgttat tttgtgtgca tgcctcattt cctgacttaa 240
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agtgagtaca tttgaattga atatataata aatattgcaa aataaaatcc mtct 354

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<211> 482
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D62965

<400> 502
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tttttgaatt actgtcatca aaagtgtacg gcttcctgtg ctgcttgtgt caaatggaac 300
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agaacaacat ctcagacttt acaaagaatg acaagaaggc aattgcactt tttagggata 420
tcgccaagca gtttctgttt tctaaaggcc aaaatacaga gtgtgtgtca tttttattag 480
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<210> 503

<211> 1375
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D64154

<400> 503
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 gtttcggggcg ggaaagatgt ccctgaaggg gaccaccgtg actccggata agcggaaagg 180
 gctggtgtac attcagcaga cggacgactc gcttattcac ttctgctgga aggacaggac 240
 gtccgggaac gtggaagacg acttgatcat ctccctgac gactgtgagt tcaagcgggt 300
 gccgcagtgc cccagcggga gggctctacgt gctgaagttc aaggcagggt ccaagcggct 360
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 cgagtatctg aacaaccccc cgatgcctgg ggcactgggg gccagcggaa cgagcggcca 480
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 <211> 383
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D80059

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 catcatttta gcgctttctt ttagaggcag ggtcctgaca actcttgatt aacacacaca 180
 tccaggcact ttgtytctyt tcctccgttg tcctttkata aacaccaact ggcagagggg 240
 acatggagca ttttttcttc aattgcagtg attctttkag ggaaaggggc cytcaggagc 300
 attgttcaca ttctccgbyt tgtcctggga ggcagttaga ggatgtkgtc actccagaat 360
 aatttwttka ktcacatact tyt 383

<210> 505
 <211> 328
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D80063

<400> 505
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 tgccagctgc atgcaagccc ctamgttaga tacaatcmgc cctcttcatc agcaggtcca 120
 catcttcmga ttcaactmga ygcggctgaa tatttgamgg aagaaaaaat aaaaatacaa 180
 atmgaamgaw acagtataac aacygttkcc attatacaat atctatacat ttcgttagtg 240

atgacttcaa gtacayggga ccaggcacgg tgactcacac ttgtatycca acacttcgga 300
 ggscaacctg ggagsatagt gagacctt 328

<210> 506
 <211> 377
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D80237

<400> 506
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 ggccaggaag ytytggrgga ctacactcgc cacctytggc acaggcactg gactgacgg 180
 acaaggsgaa acagcgcccc ctctcaactg ggrgggcacc aatggccccct gtagccagag 240
 gttgcccggc ttttggggcc caggtcctag gcatgactgg tggtcaccaa tttggccctt 300
 ktccccaacc agtgctgggg ggccatcttt aggcagaact caggaagcct cgtscggaat 360
 tcctgcagcc cggggga 377

<210> 507
 <211> 225
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D80298

<400> 507
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 acttggacag agaaacaata camatctaam catgaaactg tcgctcatcg gttgggtccca 180
 rgaggctcca mcatattata ttctargwaa rrgtccatta aatta 225

<210> 508
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D80617

<400> 508
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 taaaagttat aaataagggg ctttcaaaac agggcggggg caaatctgga gtggggcggc 180
 ggttgccggt ggctcagac atgcagaagg ggacggggcg ccggccgggc cagaggccc 240
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<210> 509
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. D80738

<220>
 <221> unsure
 <222> (1)..(351)
 <223> n = a or c or g or t

<400> 509
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caggctaagg atgagggcag ggaccagtcc cagtgcctccc tggggagaga agaggagag 240
gcttggggcac aaactcccag tggbcctgca aggctatcat ccctggatct tgctggagt 300
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<210> 510
<211> 313
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D81655

<400> 510
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atgkggggggc ccc 313

<210> 511
<211> 1425
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D82346

<400> 511
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<210> 512
<211> 493
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D82534

<220>
<221> unsure
<222> (1)..(493)
<223> n = a or c or g or t

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ttagatgctg aanatttggc tgatattgaa natactgtgg aatggagaca tagaaatgtt 180
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cctgttttct cca 493

<210> 513
<211> 3198
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. D83018

<400> 513
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cacttaatat	tatttggttg	aatttgttca	gtataagctc	gttcctgtgc	aaaattaaat	3180
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<210> 514

<211> 9078

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. D84294

<400> 514

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caaattggac	atcatgagat	ggattgatta	aataaataga	tttgaacttc	aaggactggg	420
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aggaaagtgc	tcagtggagt	caggatttag	gttaggccag	gagattgaga	atataacagt	1020
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<213> Homo sapiens

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<220>
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<211> 217
<212> DNA
<213> Homo sapiens

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<220>
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gcaactgtga accattaatg taaaatattg ataataa 217

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<211> 205
<212> DNA
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 <213> Homo sapiens

<220>
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 <211> 221
 <212> DNA
 <213> Homo sapiens

<220>
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<220>
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<220>
 <221> unsure
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<220>
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<212> DNA
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<220>
<221> unsure
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<212> DNA
<213> Homo sapiens

<220>
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<220>
<221> unsure
<222> (1)..(261)
<223> n = a or c or g or t

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<210> 530
<211> 335
<212> DNA
<213> Homo sapiens

<220>
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<211> 178
<212> DNA
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<220>
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<210> 532
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<212> DNA
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<220>
<223> Genbank Accession No. F04816

<220>
<221> unsure
<222> (1)..(211)
<223> n = a or c or g or t

<400> 532
gatgtaacat ttgtnatttt attggaaaaa gctgggtatta acatatttat agttttattc 60
aacaattggg taatttgtga gacaccaaag aaaaaaagaa tgcacctatg agttacagag 120
tccaaactga tcagggtgta caacttgacc accatgtntc ccacaccacc acccccacca 180
ccaccaccac caacagcttc gtctctcagag a 211

<210> 533
<211> 276
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F09281

<220>
 <221> unsure
 <222> (1)..(276)
 <223> n = a or c or g or t

<400> 533
 actgttttaaa tataattgaa gtttttnata tgatgaagtg ctccataatt taaatgtaaa 60
 aaaccaatag gaaatatatg aaataaaaata aaattatacg taaaagtgac aatgcctcta 120
 ttagattttaa cagtatctta caatagaata agttgaaacc tacaaaatgg aagaaagttt 180
 aaaattaggc agatattatc ancctgggtga agaataaata catatgtcaa taagcattta 240
 atgtatttgg tcttagattt tacatgaaat aataaa 276

<210> 534
 <211> 293
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09315

<400> 534
 acagaaattg acctttatctt gttgtactaa agcctgttta acttttgata caaagtaaca 60
 ttttagtaca gaaaatccca gtctgtcagc tcagtacctg tctgtgcaca ctgtaccatc 120
 tcagtccac tctgcctgta acttagaaaa cagcccctac cccagaggt ctgagagta 180
 ataccttgag aatagctctac agtttttcat agtttgtctg agctagaaaa cttgtacctg 240
 taaaacaaag gacagcattg aggactgaaa cttgtctctt ttttgaacaa ctg 293

<210> 535
 <211> 214
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09684

<400> 535
 gctttacata aacttataag gatttttttat ttaaaggatt taaaaatata acacagtcaa 60
 tataaacatg tactgggaat tataaaccat tctttcttct aagcactgga tgagatacta 120
 aaaacataca gtatcttacc aatagccatt aaaataggct aaaatgaaaa agaaaccggt 180
 gtaacaaggt tactaatccc ccaactttca atgc 214

<210> 536
 <211> 332
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. F09748

<400> 536
 gaatgaaaga atccagcaga tattttattaa gcaagatgaa agtgaaatta caaacacagg 60
 tcaactttta aactcagcac tctgttggag tggagggtgca cggtccttca tcataggcag 120
 cctatgagag atgcatttta ggaagggagc ttctgctgct cagaaatcaa agtccatcg 180
 gaggtgtcct actggaggca tcagacaaca agttaaata cgtaggggt acacaacaca 240
 aaggggaaag ttgacaacaa ttcagggggt ttgagtagtc aagacaatta gcttagtact 300
 tcagggtcaat aaatgctaca atttatgggc aa 332

<210> 537
 <211> 332
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. F09748

<400> 537

```
gaatgaaaga atccagcaga tatttatttaa gcaagatgaa agtgaaatta caaacacagg 60
tcaactttta aactcagcac tctgttggag tggaggtgca cggtccttca tcataggcag 120
cctatgagag atgcatctta ggaagggagc ttctgctgct cagaaatcaa agtccatcg 180
gaggtgtcct actggaggca tcagacaaca agctaaatga cgttaggggt acacaacaca 240
aaggggaaaag ttgacaacaa ttcagggggt ttgagtagtc aagacaatta gcttagtact 300
tcaggtcaat aaatgctaca atttatgggc aa 332
```

<210> 538

<211> 247

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F10078

<220>

<221> unsure

<222> (1)..(247)

<223> n = a or c or g or t

<400> 538

```
catgccttga ggaaagctat ttatttccaa gatatagact gtacttttaa gacaggactt 60
ttcagaagca ggaaatttta gttgttgcca gagaggtgtg tcaaggacac agtgaaagga 120
gccatgagga catgggggtg aaggctttnt ccaacactgt tacaacactt ttgtaaatga 180
gcaaaacatc tttaaaaatc cttataaatt ctttataata tgttacacat ttagagacaa 240
tatttac 247
```

<210> 539

<211> 366

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F10193

<400> 539

```
aacataagtc gagaatttat ttggggccaaa tttgggggact gcaaccaagg agacacagat 60
tcaagttgcc atgaatatat gctttgatta gcagtagtac aagttggctt tcaataactca 120
tgtctctctg gatctgatac attttgcata cctcacatag ctcagacatc tctgagctac 180
tttccttctc atttccctt tttgattgag atcttccctc tctgaaagca ttgataatca 240
acattttaaa cgtagctttt ccccatattg ctagggaaggc tcattcccgg gtaatctctc 300
tctacattgg agggaaagag gagaggcact acagcttaag aatttagtga agtcttaggc 360
taaatt 366
```

<210> 540

<211> 179

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. F10323

<220>

<221> unsure

<222> (1)..(179)

<223> n = a or c or g or t

<400> 540
aatttataaa tgctttattg aaaaatacac ttatcttcat ataaaattac agtagcagta 60
tcttgagaag ttttataaat atttttgcag acactattct aattgaacaa tgtaagtncc 120
atatttctct cagcaatatg aagtnccctag taacttngtt tatactgatt caattacaa 179

<210> 541
<211> 256
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F10980

<220>
<221> unsure
<222> (1)..(256)
<223> n = a or c or g or t

<400> 541
gacttaactc aggcaacttt tttttttaat ttnccttttt cgtatttcct agttatagat 60
ggagtttgca ggtcttaggc caatcttcaa tacaaatnct ttggagcaga ttttaattgac 120
agccctgtcc ctttctcagt catattacaa aaagaagcat acacttaaca ccaatgaccc 180
gtcaagatgc ttaaactgtt acaaccagtt tccattaaaa aactgagaag tacataaacac 240
gcagaaagga agcaag 256

<210> 542
<211> 243
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. F13763

<400> 542
tttttttttt actttaattt ttcttttatt ttcactgaca gaaaaatttt ctggagagta 60
caatcaagat agtgtattat tagaaataac attaatagaa gcttggtcag aaatgataat 120
agtcataata agcatctctc tcaccaaggc attccacaca gagagatcac agcacaataa 180
ataaaggatt tctcatttgc cacacaacaa ataaaacaat tgcagtaaca aaaatatgac 240
ttt 243

<210> 543
<211> 342
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H01068

<220>
<221> unsure
<222> (1)..(342)
<223> n = a or c or g or t

<400> 543
taacttcagt ctcaatctta cagtcacact ttgaaaatac attctgtata gataactaact 60
aatgcaaaga cttatatatg tattgttcat tacagcagtg tttgtagaag gctaaaaaca 120
acctaaatat ctgtcaatag aaaatggnaa aataaattac ggaaaatgaa taaattatgg 180
ttcatctaca ctagcaaggc atgcggttct tttttaaaaa agtaagaaat atgtgctaaa 240
tacaaaanga tcttcatatg ccaaaggata aggaatgaaa ggatacaata tatttctcct 300
aggncatatg gtggattgga atatgggttg cttgggattg gg 342

<210> 544

<211> 415
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H01824

<220>
<221> unsure
<222> (1)..(415)
<223> n = a or c or g or t

<400> 544
attcacaana annnnntttta ttattcttaa cagtactcac tttaaaggaa taagaggata 60
gcatacatTTt ttacagaca atatataaat gttgtacata attaacaata acttagttca 120
ctaataccaaa ataaaaacaag ccaaataaaa cataaaaaca gaaaataactg ccgnttcttt 180
ttcttatgCG ggacactagn taaaaataaa gttacttctg ggccgtgggt gtcacctgca 240
ggcgactgcc cgcccatatt gcacttgggt cactaacatc aggcacaatc ctccctccggg 300
ggccgggggcc ccttcancag ggcccaccac accccgccgt tcaccggcat tacaggaatc 360
ttaggcttgG gggacaggtt tattattaca gctgttacct tggggggngg ggttc 415

<210> 545
<211> 309
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H02308

<220>
<221> unsure
<222> (1)..(309)
<223> n = a or c or g or t

<400> 545
tgatagcaca ttttagtttt taataaaaatc tgcttttttac ttatatTTta ataaattgcc 60
cagttactga atcagaagca tttcttaca agcaaacaaa ataagcatcc cttctatggt 120
aataacatgt taatagtatg ttggcaagtt gatttagaac aacttgccaa caatacaaac 180
agaaaaaagg agtgggtcaa agaaatctag tttggcttta ttttcaatag atcactactgt 240
ctgttgaaaa aggaataaat aattatggag cctatctaat aatatactca atagnttgaa 300
attattgag 309

<210> 546
<211> 277
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H03387

<220>
<221> unsure
<222> (1)..(277)
<223> n = a or c or g or t

<400> 546
acgcaagtta gannanttat tatgataact ctgcaatctt ttcagccact ctttaagggtt 60
cctggggcatc cattctgggc acagtgtgac atttacctga acagagagga gantggcact 120
agaagatgag ggagatttgg tgcctaaaaa ttactacaaa caggcaggggt gcagtggctc 180
acgcatgtaa tcccagcact ttgggaggcc gaggtgggtg catcacgagg tcaggagttt 240
gagatctgcc tggccaacat ggtgaaaccc catctct 277

<210> 547
<211> 372
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H05084

<220>
<221> unsure
<222> (1)..(372)
<223> n = a or c or g or t

<400> 547
tttttttttt ttcacagtga gcattaaatt attattccat acagccctgg ccctggccct 60
tcttgaggga gtgggggttn tggggntngc ccagcaggga tctgcccaga tgatgtccac 120
atgagaaggc aggtgtccaa cagcttcagc ttcacccagt gccccccaga caaataatga 180
caagtccagg gtcttctgat gtgtcaggcc agcactcccc ttgctgatgg gaaaaccggg 240
gctcggccag cccactgca tcccctcaca tgatgatacg aggctctngc actgactcgc 300
caatagactt gtggggcagc angctggctc cggttgaggta ggagctcatc attaactatt 360
gacgtcctnc ac 372

<210> 548
<211> 353
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H05625

<220>
<221> unsure
<222> (1)..(353)
<223> n = a or c or g or t

<400> 548
tttttttttt tttttttttt gcttcacaaa tgtcaatttt attgacacta gtgcacaact 60
aaatacaata attgcaaagg aagtgggaacg tgttcaaaca gaaatgggtga caatgagtta 120
gaactgcagt tntttcaagg tactacacta ttatttaaaa aaaaaatcac aaanagaaaa 180
atgttatcac tacaagtagg gatttaggaa gngagnaaat tctgggcagt ctgtctagna 240
gggttaaaac atttcatggc atttgtgagt tgctgttggg gagttgtttt ttatttgtcc 300
accgtaatct gggcaacatc cgggggctta ccttcagctc tcggcactgt gcg 353

<210> 549
<211> 501
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H05704

<220>
<221> unsure
<222> (1)..(501)
<223> n = a or c or g or t

<400> 549
tttttttttc cttctgtagt cgtcttttatt tagagcagaa ttcagactca gctggtatcc 60
cccagggcaa ccccaggatg ggganagggc tgggtctgtcc ccacccactt ctccaggatc 120
ctcccagccc ccaggctgnc ttttccctcc aactgtcagc tgcttagctg ctcatctggg 180
gattggagct ggagcatctg tcaaggttgt ctccttgaca aacagcttcc tctttggaaa 240
tggtcttact caggtcctgc aggtcatcga gcaggacaga gagggacccg ggggaaggaag 300


```

acagcagatg agcaccagac aaggggaaggt gctcgtgggt acagaggggaa acaggggttg 360
gcacaggggaa atgaggggaat ggggagagag ggaggctctt tgggtccaag ctggggcatc 420
ncttaaaaga ggtttaaggg tntcgaagga ccncagagaa caacattctt cntgcgagat 480
ttttaagagg gagttttctn a 501

```

```

<210> 550
<211> 465
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H08548

```

```

<220>
<221> unsure
<222> (1)..(465)
<223> n = a or c or g or t

```

```

<400> 550
tttttttttca caaatattgg cttgggttttt atttctatgc ttataaaaaa aatatgaagc 60
ttctttgtgt ggactgaagg ggtgttagcc tgtggatggt ggtcttcggt gcctgtaccc 120
cagtggctgt ttacattcca ggnccctgct aaataaagna ggctccactg ccagctgtct 180
gtacactttt tcttggggga agagttcttg tcttcagttt actgcagtag ggttcctggc 240
tctgttacat gctcatgtgt tccggaagaa catatgaaat atcatcccac ggatgacgat 300
acagcccctg cttcagcctn ttctgatcaa gatagtntcc aatgaacccc atactccttc 360
ccagcacaaa gatgccattg agggctccaa tgtcaatatt attgcatcag cttcctcccg 420
agtaaaggga cccacagttt ttttaaggatg ttttacaatt gcgat 465

```

```

<210> 551
<211> 396
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H09077

```

```

<220>
<221> unsure
<222> (1)..(396)
<223> n = a or c or g or t

```

```

<400> 551
tttttttttt ncaggaaata atatttntaa tacaagtgtt caggctttca atagttaact 60
attttaatatt tatatagatt gaggtgacta aagaatgtgt tcacccaaaa aggccctaaat 120
tcattaagac agtctctgtg aaaaagggat gttaaagggt atgagaaaag ttactagatc 180
tgcattttta aaataaaaaat gactttctga gatattggga cagaaggcag ctttagttat 240
ttgggaggtc gaggcataca tgtctactat gattcaccat aaagccatat taggcaggcc 300
attggcccag gtacatttcg gcattatttc cttttgcata tttcatatgg ataaattcct 360
tttaagggtt gaggcaccaa taaaaaatta gggcat 396

```

```

<210> 552
<211> 365
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H11463

```

```

<220>
<221> unsure
<222> (1)..(365)
<223> n = a or c or g or t

```

<400> 552
 tttttttttt tttttgcaac catttatata cagtgttaca taacagctct ggagtacagt 60
 acatgcagca gaatatacct gttgaatata aaatactttc cttaaaatct tcatcattgg 120
 aattccttga agtctaaatc atagaatgcc cattactttg agaaaaatggg tgaggagtac 180
 aaatgtctgc atatgttggc cactgaaata atccaaggct aactgggaat aatattcata 240
 ggcacaccgg ggggtgcataa ntnntttact tacattatta aaatacaacc cataaaattc 300
 aagttcagga tcttataggg attgtctatg gtaaatacct taggtggttg ccgggggaaat 360
 ggcac 365

<210> 553
 <211> 386
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H14810

<220>
 <221> unsure
 <222> (1)..(386)
 <223> n = a or c or g or t

<400> 553
 cataaaaaaca ttttattcac aaaattgggtc atcacagcat tatttacaat actgnaaatc 60
 tggaaatagc cttaaatttct aacaattgaa agaagggttaa gtaaaattata agactacaca 120
 ataaaaatata ttaccagcaa tatatctttg tgaaaatcta taataaccac acataatact 180
 tagtaaaaaaa gcancataaa ttacatgata aagcactatg accagnanca atgncaaaaa 240
 attcacaccc ccaaaaaagn acaaggatat tatatgggca attttgtggg taaaatatta 300
 catgttattt gtgntctggca tttctaattt tccccgttaa ctggacacat ncggttttcn 360
 taattagggg gaaanaaaat tacctt 386

<210> 554
 <211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H15143

<400> 554
 tttttttttt tgtgggtcac agttgagggg ttattgccag tgtaggaag aatggggggg 60
 ctgggtggcc aggggtcttg ggaggaattc caaatgagca ctgcagggcc tgtgagtggg 120
 gaggagagct gctgcccccc tgccaccacag gagggccccag ggctgatgcc accatatact 180
 gactgctagt ggtgccttaa aaggtggcct cccacagga ggggagcctt gggggcccc 240
 aggagtcagc cctcaccaac aagccctctc tcaagggggc caggggcttt tattcctcat 300
 gggacaggct ggg 313

<210> 555
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H16171

<220>
 <221> unsure
 <222> (1)..(295)
 <223> n = a or c or g or t

<400> 555

```

tttttttttt tttttttaaa ttaaaccacc ntatganttt attaaatcca gaactgtgtt 60
aaagggcggc ggtctncgag ggggagntng gtagggggac gagggacaag atgatgaacg 120
gccgtgggca tcccntaggg ngacccggnc ccccccgcc caaccacccc cctcngcaac 180
gctgcatcag cttcaccatg attcccagtg gtgctgggct gggcagggcg agatggctgg 240
gaaacacaga gggacagagg gacagacaga cgccttccac aaacaaaccc tggnc 295

```

```

<210> 556
<211> 389
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H16676

```

```

<400> 556
ttttttttta gttttgtggt actacatatg ttttattaaa aattcaaact ttttttcaga 60
tcgaagcata atttatcttc cattaacaaa aacgaagatc ttaaatttga cagcattaca 120
attaaaatgc tgaaaggagt tatgaggcat ttaaattcatt cttcaattag aatgtttgca 180
gcatatttct cagaggctga cctggaacac attacctttg ttggcaggca tcaaaggcag 240
gataaatcct gtggctggaa atcaattgtg agtcccatta ggatgacttt ctaggcacac 300
atgcataggg tcttgacatg tatccgttct acttctagga aggttgctgt ctggaaggct 360
ctttccctcg ggcgaggtea ctttcccg 389

```

```

<210> 557
<211> 471
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H16768

```

```

<220>
<221> unsure
<222> (1)..(471)
<223> n = a or c or g or t

```

```

<400> 557
ttttttttta atttataaaa atgaaaagtt tatttgtctc atggtttctga caggctgtac 60
aagaaacatg gcaccaacat ctatttctgg tgagggtctt aggctgtctc cactcatggt 120
agaaggcaaa aaggagctgg catgtgcaga gatcacgtag ncaagagagg atacaaggag 180
atttccaggc ctctttttta cagtcagctc tcatgagaag taatagagga agnaagtcac 240
ttactactga gagagtggct ccaagccatt ncataaggaa tcaaccacca tgacacacta 300
gggcctcacc tccaaaactg gggaatcaca tttcaacatg aggatttggg aagggtcaaa 360
tatccaaaact ataggcattc tacccttgga acgcctaagt atcctgtcct tctcacaagg 420
caaattacat tattttattc ccattagttt cccgaaaact taacttgttt t 471

```

```

<210> 558
<211> 354
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. H17333

```

```

<220>
<221> unsure
<222> (1)..(354)
<223> n = a or c or g or t

```

```

<400> 558
ttttttttta attgttaata ttgctaattt gtacaatggt taatgatctt ataaaatagt 60
tgtatgaaag caccaaccac cttagaaagt ctgaccagca ttcatatcta ctttccagac 120

```

```
cctcatccct cctccccact cacctgactc tgctcggtc attcatgggc tttcctgtgc 180
tctgccattg ctcagggtgag tgagcagttc gccccggcaca ttgaccaggc agatccaggg 240
cancgatcg gtggagccca ggaaatggag aggctggcac agctgcagca atgcctgnaa 300
gctgtcctga ttttctccgg cttngagata gccaccactt ttgagcatta ttac 354
```

<210> 559
 <211> 486
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H17550

<220>
 <221> unsure
 <222> (1)..(486)
 <223> n = a or c or g or t

```
<400> 559
ttttttttat ttttaaaaaat ctattttatt atcaaaacag tattggcaca gtaattctca 60
tattatcatc aaataataaaa attgctactt tctgtactca attccttaga atcctagaaa 120
ttgcaaatgc attcaattta acaatattgt aaataacaat acaaaaagaaa gaactctgca 180
tattttatgga aacattgttg atggtacagt tctactgaaa ctcatacaca tttcactatt 240
taattttacat atggncttgt tgaaaaaaac cagtatgttt tactttttca atttccttat 300
ggctaaaata catgtaattc taaagggata tctcttgggt gttataaaaa ccaggaggagg 360
tccaccacca ggtcaagggt ggngtcaagg ntacttcaaa gggtccctgg aatggatccg 420
gaaaacaaat ttttaaccna aaatgtggta ccgntttggg ggggcccttc ncgggcccc 480
caacgg 486
```

<210> 560
 <211> 477
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H18099

<220>
 <221> unsure
 <222> (1)..(477)
 <223> n = a or c or g or t

```
<400> 560
aaatagtgca atcaaaacct ttattaattt tntcattaa actgaaatga taaaccaa 60
gaatgagaaa agtggcagta aaagatttag catgaagtat tatttctcag gtaatgtcaa 120
gaatattatg aaaatatata cttgcttata actgaatcaa agaaaatgaa tgcatttacc 180
tttgaaaagc agaggtactg attgccttca agcttcgggt tataggacct taggctggga 240
gctgatggcc ccacatagct gatcttctgg ttttgtaatg agagaaaatg ggaagagtct 300
ctctgggaag gaaaacttag ggatcatttat ctctcaagct ttatctattc cntaatgtat 360
atgggaacac taatagttct gcctatcttt ctttgccaga gtaggaaaac aggttccaaa 420
ataaatagtc ncgaattatc ataaaggcnt aatagggtgg gggtttttaa ttatatt 477
```

<210> 561
 <211> 371
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H18947

<220>
 <221> unsure

<222> (1)..(371)
 <223> n = a or c or g or t

<400> 561
 tttttttttt ctttttttag gnttcatggt tgttttattt aaagtctggt tgggtacaga 60
 aaacacacac acacttaaca ggtaaaaata tccaaataaa atttactgca actttttag 120
 aattttattt gtgctacaag acacgttgca taagaaacta tttaaagccc ctgaggaaaa 180
 aatatccatg gtttaagggt caactgggtt tgtttcttct ttggggaaaaa ggtgatagat 240
 ggtctctggg agaaattatg ggggtggagt gagaagcaca atcgaagggt atatggtggg 300
 atgattggcg aattgtgtgt cctgggttct tggcagcatt aaaatagcct aatgttttgt 360
 tctttttttt a 371

<210> 562
 <211> 478
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H19969

<220>
 <221> unsure
 <222> (1)..(478)
 <223> n = a or c or g or t

<400> 562
 tctaaatatt cagatgtgtt aattacatgc cctagaagct ggaagantca gtggtgttca 60
 cactggacgt ggagctgttt gtataatttt catctccctg cacttaaaca tgactctcag 120
 tctaataaat tcaaccttgt cattttttaga atctacggga tttctctggc tgctgttgc 180
 gctgcattta tccgaataca tccagctcgc aggcacctcg caagaaacgg ctcccggctc 240
 gcgtgtacgc cgacacctcg gcccaacgca ggactcgagg tggtttctag tgcccgggtg 300
 gctgcaagtc tgccctccga gggaggctgg gacaagcggc gccccaggg tcgagcggcc 360
 tcttcgttgc ctnggcagt gctgggnagg cccccaccng ttgccagttg ttttcgggaa 420
 acccgcttgg ccaagtttgc cccggggtga aaaatgaaag caatttcccc aacagatt 478

<210> 563
 <211> 187
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H21814

<220>
 <221> unsure
 <222> (1)..(187)
 <223> n = a or c or g or t

<400> 563
 ttattgaggg tttattgagt gcagggagaa gggctcttgat gccttggggg gggaggagag 60
 acccctcccc gggatcctgc agtctctagt ctcccgtggg ggggggtgag ggatgagaac 120
 ccatgaacat tctgtagggg ccactntctt ctccacgggt ctcccttcat gtcgtgacct 180
 gggcagc 187

<210> 564
 <211> 432
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H22453

<220>
 <221> unsure
 <222> (1)..(432)
 <223> n = a or c or g or t

<400> 564
 ttctcttggt gctggagttg taaaaatcaa tgtcccattg ctgagatcga agctccctgt 60
 gtctctgggg ggctcagcag ggacgatggc ctccagagtg gacctctgag aaattgcaga 120
 ggcatcagag ctgtgggctc agcatatgag gtccccaggg gccatagacc ccctcctcct 180
 gggaagagtg ctcttgacga gcttatttgc aatctcctgg gagtcccaga ctcaccaaag 240
 gattcagatc ctcttctttt tgcctcctac atagagcaca ttatagacct gaaacaggaa 300
 tcagaattcc agactccctt agtgaggaga caaagtgtta ggtcttagct ttttcccttc 360
 taaattaagg gtcctccctg ggattcaggt tgctgatag cttatncctg aaantggtn 420
 gagataggga aa 432

<210> 565
 <211> 214
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H23407

<220>
 <221> unsure
 <222> (1)..(214)
 <223> n = a or c or g or t

<400> 565
 tttttttttt tttctagggg agaagatttt atttcacaag gtgaggaacc caggctgggtg 60
 gccgacgccc acacaccagg ntccgggacg catgggggtct gcacgtggag aggggtgctgg 120
 ccgccccagc aggaagcccc acgtagggtcc cagcgtntct gtcagtcagt ctgctgacct 180
 gtggcttggg agaggcagga cgtgcaccca gcct 214

<210> 566
 <211> 697
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H23520

<220>
 <221> unsure
 <222> (1)..(688)
 <223> n = a or c or g or t

<400> 566
 ataataattca tgnaaattca aatgatatnc atggaataaa aaataaaaag atttctcaaa 60
 agatcagnta aaggnacaaa tgaaggcagg aagaaaaaat caaatgtgta atccactgtg 120
 ggatcttaat atcaagattc aaatatgtaa aatgattgct tttaattttg aatatgagtt 180
 ttgtaaatgta gaagttaaga gagttttatg gagctataaa gaatgcagtg agttgacaac 240
 cattttcctt agtatttttc cccaagaaaa taagtgtgaa acccgttgat aagncatacc 300
 acatgtataa atgactattc tagattcctc tctctctcct tctgttcctt tcttctgtct 360
 ttctccctcc ctcttctctt tcttttcttt ctctcttttc tctctccctc tctcccttc 420
 tccctctcct tctctgtctt tctccacccc tcccatgact ttttcttttt tttttaaata 480
 tacttaagct tnggggacat gtgcacaaca tgcagggtgt acaatgtanc atgtgccgtg 540
 tgggtgtgctg catgcattaa ctcggcattt ccatagggat accccnatgc atcctcccc 600
 accaccaccc acagangccc ggggtgtaagt cccntccggg ncgggggtnc cttggtcaatc 660
 cncatgggt ggcatntggg ttggttttgc ctgaaaa 697

<210> 567

<211> 233
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H26288

<400> 567
 aaaaacacca gtttgaacaa cattactgaa agtgagtgta cacaataaat agaaaatagg 60
 gatgcatagt gctggagaca ttcaaccaac ttatcttcat ctgttgcccta ctgttgtaga 120
 caaaatttga cacacaatta gcattactga aagagcagcc aaactacctc ggagaaagtg 180
 ggcaaaactac tggaaaagta gcttaaagct ctgggaccac tcaccaaaaa taa 233

<210> 568
 <211> 290
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H27180

<220>
 <221> unsure
 <222> (1)..(290)
 <223> n = a or c or g or t

<400> 568
 aggnntttatt ttggaccaa aaaaaaacca caattgtttt ctagctggaa gantgggcaa 60
 ggggggtccc agacagtaaa ctccccacg ggtgggttga gcctcaggtg gggggtctcc 120
 tgtgtctgt gcttccccac acagcagcct cctcctggn gtctgtggca gccacgggag 180
 gggcagacta ggaggagctg ccacagttnt tcacttgggc aggaagtcag aggactcaga 240
 caccagcttc ccatcgcggg tntcgatctt cttnanaacc acggccctgg 290

<210> 569
 <211> 292
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H27675

<220>
 <221> unsure
 <222> (1)..(292)
 <223> n = a or c or g or t

<400> 569
 gtgtctccat ggcgagtggg agcgtgaaga tgaccagctt tgcggagagg aagctccaga 60
 gactcaacag ctgtgagacc aagtccagca ccagcagctc ccagaagacc acgccagatg 120
 cgtctgagag ctgcccagcc cctctgacga cgtggaggca gaagagggag cagagtccga 180
 gccagcatgg caaaggntcc cgccagcctc ctggcatctg agctggtaca gtggcacatg 240
 cantcgaagg agaagcgag ggccatcgag gccaggaaga agaagatgga gg 292

<210> 570
 <211> 116
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H38418

<400> 570

agctgagcat tttttatgtg ctaggcactg ttccagtgtc cggggacgca gctgtgaatg 60
aacagaaacg ggggatggag gacaggggag aaacccctt cacgggtctt tgggcc 116

<210> 571
<211> 212
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H38995

<220>
<221> unsure
<222> (1)..(212)
<223> n = a or c or g or t

<400> 571
tattactgnc ttaatggggn ccaaaggggc aacacaaagg cattgaaaac atcactggct 60
cacaaaaaca gtcaccttgt taccttctca gttgcatttg tttatttcac aaggcttcat 120
tcacacataa aaacaagata ctaatccaat ncaggctcna acgattataa aagtaaacat 180
ttnttggggc atgtacaata aattgcnctt tt 212

<210> 572
<211> 327
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H40424

<220>
<221> unsure
<222> (1)..(327)
<223> n = a or c or g or t

<400> 572
ctgtatantt tnncttnttt tttctcttgt gatttggcac ttaaggctta agcgcnaaaa 60
aaaaaggcat ctactgacaa aatatgggac ttgtctgtna tgcattgtaa gtgggctata 120
aaatccaggg aggggggttc aagccagaag aagctactga caaattgact tgtccttatg 180
ttaggtgggg ttatgagggg gagagggagg gcacattctg aggtgctggg ggaaaggggt 240
tgagcttaac cttgttaatg tagggcctgt ggggaatggg atgggtaggg agaagagggt 300
atgggatgtg ggtgcagggt aggggct 327

<210> 573
<211> 448
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H44631

<220>
<221> unsure
<222> (1)..(448)
<223> n = a or c or g or t

<400> 573
actcagcatn cnttttatct tncatctga catttctaac aaaacgccag ggagacggag 60
ttaaaaagaa tccacccac gaaaggtaaa caaaggagac cctcagaaac tccctggcaa 120
ggatgttccc ctcccagat tgggccagc ttcaccagca actgggtctc agactcagcc 180
ttatgccttt cactgacac cccccacccc tccacantct cgtgattcag accagggaa 240
ttctcgggct gattgtgtcc gtgtgtctga gggaggggca cgctggaacc tgggaaccta 300

ctggggcacct ctaatgcaga tgagaaaaac ttgagaatgt gaaaggagat cagtccccgn 360
 tccccccga aggtgcagag acgcgggaca ttaaccagca gnacgcgggg gtgaaggaac 420
 tcagggcaat ttctcccant gccagggg 448

<210> 574
 <211> 339
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H45265

<220>
 <221> unsure
 <222> (1)..(339)
 <223> n = a or c or g or t

<400> 574
 nanntttttat aaatnataat ttaataaaaat aaaaataggn gcacaaatat tggcatacag 60
 taggtntccca ataaaaggtg gtggatacac agtaggtttt cagtaaagga tgatgggcag 120
 ggcattgcagt agggcagcca ctcaactgtcc ctgcacctgg cctccacccc tgggctcacc 180
 tcaccagggg gaatccccag ggcacaagcg gtcaacagct ggcattcctct gccacggtn 240
 taccttgggtc aagttcctca gcaccaacac atccccctgg gtggctcctt gggaccaccc 300
 gttcccnttc acggtcttac atcctcgtcc tcctttccc 339

<210> 575
 <211> 368
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H48263

<220>
 <221> unsure
 <222> (1)..(368)
 <223> n = a or c or g or t

<400> 575
 cacatcagtt aatnntanna agactcacct gatcacatca acagatgcag aaaaggcatt 60
 taataaaaac caacacctgt tcattttcaaa aaacactcag aaaactagga acagtaagaa 120
 gcttcctcaa cttgataaac aacatatatc aaaaacctac aactatcatc ataattgatg 180
 gtcagaaatt aaagctttcc cactaagatc aggaagcggg caaagatgtt ccctctcatc 240
 atcctttttcc atcatatcat actgggaagt cctaggctaa ttcaataagg aaaagggana 300
 taaaaaggta tacaggattg ggaaggcata aaataaaaact ggtctttgtt gacaggnaaa 360
 catggtgg 368

<210> 576
 <211> 387
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H48475

<220>
 <221> unsure
 <222> (1)..(387)
 <223> n = a or c or g or t

<400> 576
 nnnttacgtt tgcaacattt aatgtgaaat tagttncata ctgtttcctg aagatgctga 60

tgggtgtaggt caaatgaaac atcatagaag aggcagtata tgtatatcct ttagtatatc 120
 ttttaccttc agaaactttt ttttgagac agagtgttg cctggctaaa taaagtgcag 180
 tgcccgannc ctgggctcac tgcaacctcc gcctcgtagg ttgaagtga ggttgaagtg 240
 ggccaagact ggtatactgc actccagcct ggggntaaca gagactccgc ctcaaaaaca 300
 aacaaaaaaa ctaactggta atttaaaaac taaagtttac agttgggctc caatgtatct 360
 caaagtccaa actgggccgg gggccag 387

<210> 577

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H48793

<220>

<221> unsure

<222> (1)..(346)

<223> n = a or c or g or t

<400> 577

gatttaggag attccaagtg ataccttttaa ttcactactc tatgtcctta ttaataaata 60
 catattttaa aaaacctata caatatagtg tatttacagc atggaagagc agagactctg 120
 aagccagact gcctgagttc aaatcctgac acttctactc aaatatgtgt gaggactttt 180
 gggcaattta cttactcttt ctgtgtttct atttactcgt ctacaacaat aatttctacc 240
 tcatcaaatt aaattaaaaa aaaaacggct taaatagggt aacattttgta aataggctta 300
 ggaaaacact acatttaaaa aaataancat tcctaaccga ccttcc 346

<210> 578

<211> 458

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H49440

<220>

<221> unsure

<222> (1)..(458)

<223> n = a or c or g or t

<400> 578

ggagtttcac catgttggcc aggctgggtc caaactcctg acctcaggtg atccacctgc 60
 ctcagcctcc caaagtgcct ggattacagg catgagtcac tgctcccagc cattagaaag 120
 attgttaatc ctatgaactc cttttttagt gagagaaagg gccaatctgt aggggtagcc 180
 ctgtccaggt aaagtgtgtt tcagcctcat gtctactgtt aggtgagga gtcacagcca 240
 gacagagagt attgctggag ggtgagagaa ttgtggagac caactaccac atagcaagag 300
 cccagctctt gggagcattg agatgtaagc tcagggttac acagttccaa atcttgggga 360
 aggggctttt tcagacagac tgtttgcttt ctgctgagat taaggaattg catcantctg 420
 ccagagtatt gactttttta cagattatta aataaagg 458

<210> 579

<211> 446

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H52835

<220>

<221> unsure

<222> (1)..(446)

<223> n = a or c or g or t

<400> 579

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cggataccct gggggcctct gctcctctct ttgtggagac gtcgtttcac cggcggcgcg 60
tgaccccggc agctgtccag agaccagag atgtccaatc acaggcgcac ggtgcacagg 120
cgcgaggggc tgcttggaac gggcccaggg aggcagtgc cgggacctct ccggagggag 180
aggaacggtg ccctcccggg aggagctggc caggcaggcg ctgcccaggg cggccttccc 240
tgctggacta cggcattgcn actgagttat ataaagacac tatttgggga aggacagcgg 300
gtgaggactn ggcgcggcg caccagcttt gcctgttgn ttcagctctt ctggggggcca 360
aggcagggag ttccagggtt tacagtgcgc ctgatngcca attgctttcc aaaagagaga 420
aacagagaga aagggattna ggcttc 446
```

<210> 580

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H54764

<220>

<221> unsure

<222> (1) .. (386)

<223> n = a or c or g or t

<400> 580

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gatggagttt cgctcttctt gccagggctg gagtgcaatg gtgcaatctc ggctcactgc 60
aacctccacc tctgagttt gagattctcc tgccctcagcc tcccactggg attacaggcg 120
cctgccacca cgcccagcta attattgcat ttttagtaga gatgggggtt caccatgaaa 180
atttttattt ttattaaaag agtgcatgag ttagtcatga aggcagagcc agggcgccct 240
gcataccaaa tgtgaaggaa cagtaccaat tgacaaaagga aggcacaaaa ctaggacaaa 300
ggaaaaggga cttcaattaa ataaggtaat ttggaactaa ctggaaaatt gaggaggggg 360
aaatngcaaa taaaatnggg gaggca 386
```

<210> 581

<211> 384

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H56673

<220>

<221> unsure

<222> (1) .. (384)

<223> n = a or c or g or t

<400> 581

```
gttaccaaga cacaatttta agatcaaaca agtgtcaagg taggccatgg cttgttggca 60
gtagtagggg ccctatggct atttccaggt atgggtggcc ccttttcctt ggttatctgg 120
ggaatctgcc acagcagaca gcaaaaggta aaaagcatcc ctttaataac tacacccac 180
tccagcaatt gaggtttatt caggggtggg tcaaagtagt acaagacaaa aatagcttag 240
tgaaatggnt tagaatccag actgaggtgc cagactgcct gcatctgagg tctcaggtcc 300
caccatgtat ggaggccgtg tggaccttgg ggggtgaggtt actaggcctc cccgggggtt 360
caaatcttct tcacctgtaa aatg 384
```

<210> 582

<211> 405

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H58781

<220>

<221> unsure

<222> (1)..(405)

<223> n = a or c or g or t

<400> 582

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ctctttagtagc ccaggctgga gttgactggc attgatgtgg gacgcgggga gtgaacaagc 60
aaacactggg gctgtaggag tgaagagaaa ggaatcaaag gaaggaaatt cccatcccc 120
agaacaaaag agaaacatgc tcttgtgatg agcacgcata ggatgaggct gcacctatgt 180
caggaaaaag ccgttctgcn gaaggcccat cagagacaga cttgactctg gacacctagc 240
cccacaaaca ttgtctgctc caacacatat ccagttttcc ccataatttt atgtaaaacta 300
ctcagggtat actctcattc ttacttggaa actaaatttg tatggntatg gcctgtggta 360
ctctaggaag gtttctctaa agaggggagg gatttaaata aaacc 405
```

<210> 583

<211> 440

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H58873

<220>

<221> unsure

<222> (1)..(440)

<223> n = a or c or g or t

<400> 583

```
actataactt agtgtctgta tttaatattg acaacaaaa atatatatan tttntttgca 60
tctatacaca acagggcagg agtctccatg tnttcttgag cagttagttt gcaggctccc 120
acaggccctc ttctcatggt aatagtgtgg ccctagtgc aaggagacta gaacccggca 180
gccagactg gcccttcccc tctctccct gcactccagt gcttcccaac tggctctcagg 240
taaagaaagn ttantttgag tggttgggta ggaagagatg ggaaggggca aatcctaag 300
ggagcctgac ccctagagtg gggagttcca gggccagcag aacgggtggg ccatagccct 360
ncctggggnt agaagctttg tagttcatag ttcgattagt ntgtccntag ggcatnaggt 420
nccagcccta cagattagct 440
```

<210> 584

<211> 414

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H59141

<220>

<221> unsure

<222> (1)..(414)

<223> n = a or c or g or t

<400> 584

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aatanaggaa taataaattg atttaataat ttgaaagaac tgtaaggttt aggttttgtt 60
cttattttta gtgcgactga gattggagtc tgttttaga catatctgaa aaaagtgaag 120
ggggagatgg aagatggtaa atgccaagga aaagatggaa ggataaatca gtgtaataaa 180
aaggagcact tctttttcgc caacagaagt aaaggtaaag gttaagtgtc tgagttaacg 240
aatggattgt tgacctctgg ggagggtgct cccatcagct cagctttgtg acgacctaa 300
gaatatccct tccacacctt tcctgatcca atcgttctgg gctgcataaa accacctaaa 360
tcaatcaact gttacacttc ccttagtgct aggggcatat tccnataac tccc 414
```

<210> 585

<211> 284
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H60595

<400> 585
 aagacagagt ggactgttac aaatgatttt gcaaaataca aaaatagata tacttccact 60
 gaatgcttta atcatttttc cgggcactct catcttttgg ttcttctca tctgagtaca 120
 cagtgggctc ctccccctcc ttcagcagtt tgcccacgtg atgatacttg aaagtgaact 180
 gagactccca gtcactcaga gtctcctgct gggcgagtg aggtcagaaa ggtcatcgta 240
 ctcatccttc agtgcttcct tatccgggga aaatgtgggc aagg 284

<210> 586
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H61295

<400> 586
 gaaccttcta agggacctca aaggtgattg tgccaggctc tgcgcctgcc ccacaccctc 60
 ccttaccctc ctccagacca ttcaggacac agggaaatca gggttacaaa tcttcttgat 120
 ccacttctct caggatcccc tctcttctca ccttctctca ccacttccct cagtcccaac 180
 tccttttccc tatttccttc tctcctgctc tttaaagcct gcctcttcca ggaagacccc 240
 cctattgctg ctggggctcc ccatttgctt actttgcatt tgtgcccact ctccaccctc 300
 gctcccctga gctgaaa 317

<210> 587
 <211> 462
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H61361

<220>
 <221> unsure
 <222> (1)..(462)
 <223> n = a or c or g or t

<400> 587
 gctggggctt agctgggagg tggctctgaag cagacagggg atgggagagg nggatgggaa 60
 gtagacagtg gctgggatgg ctctgaggct ccctggggcc tgctcaagct cctcctgctc 120
 cttgctgttt tctgatgatt tgggggcttg ggagtcctt tgcctcatc tgagactgaa 180
 atgtggggat ccaggatggc ctctcttctt ctacccttc ctccctcagc ctgcaacctc 240
 tatcctggaa cctgtcctcc ctttctcccc aactatgcat ctgttgctctg ctctctgca 300
 aaggccagcc agcttnggag cagcagagaa aaaaacagca tttctgatga aaaaaaaaaa 360
 aaaaaaaacc gcggccgaaa gcttattncc ctttaagtaa ggggttaatt tttagcttgg 420
 gcactnngcc ntcgttttan aacgtcgtga attnngaaaa cc 462

<210> 588
 <211> 512
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H63994

<220>

<221> unsure
 <222> (1)..(512)
 <223> n = a or c or g or t

<400> 588
 ccctccaagg ttcacatggt ggaatgtaaa ccccaagggt atggtattaa gaggtagggg 60
 cttcaggagg tgattaggcc atgggggagc tgcattcgtg aatgggataa atatccttat 120
 aaaacagggt tcagagagct gcttggtcct tgcacctctt ctctcttcta ccacgtgaga 180
 acatagcatc tgtcacctcc agaagaagca gcaacagaca tgggtcttga agcagagagc 240
 aagtcctcac cagacaccaa atctgtcaga accttaatat tggacttccc agcctcaaaa 300
 actgtgagaa gtagggtttct gttattatat atcaccagc ctcaagtatt ttgcaatagc 360
 aacagggaat aggactaagg acaatgagtt ttgcacaatc taacttttaa aacctccngg 420
 taaggcaaag cttgagtttt attttcattg atttaaaagg gncaagtaag ggattttctc 480
 ggttnaccgg ccttattggg gtcnggtatt ac 512

<210> 589
 <211> 280
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H64411

<220>
 <221> unsure
 <222> (1)..(280)
 <223> n = a or c or g or t

<400> 589
 tctgcttgaa gaaggagca ggcaaggga cagatgcagg tggcccatg ctgctaaaga 60
 caggctggaa ggtcggggct gtggtgctgg tggctcgtgg gagggaggag ctggaggggc 120
 ctgtggctga gactgaagg ccaggcgggtg tgaggccttc cttctcactc ttgggtggag 180
 ccgtgaaaat gggcttgaac atgggagatg ctgaagatgc agcaggggcg gcagggctgg 240
 aaggtnaggt nttctgtgtt ccaaacagga agctttgctt 280

<210> 590
 <211> 370
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H64493

<220>
 <221> unsure
 <222> (1)..(370)
 <223> n = a or c or g or t

<400> 590
 ggggtgcttta tttccatgct gggcgcccgg gaagtatgta cacggggtag gtgccaaaga 60
 tctctgcgcg accccgagag cccggggagc gggngcttgc cggccgtcgc actcatttac 120
 ccggagacag ggagaggctc ttctgcgtga agcggttgtg cagagcctca tgcacacagg 180
 agcatgagaa gatgttcccc tgctgccacc tgctcttgtc cacggtgagc ttgctgtaga 240
 ggaagaagga gccgtcggag tncagcatgg ggaggcntgg gtntttagt tnttctccgg 300
 ctgcccgcgt ctttcccant ccacgggcga tgctcgtggg ggtagaagcc tttgaacagg 360
 gaagtcaggc 370

<210> 591
 <211> 460
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. H66642

<220>
<221> unsure
<222> (1)..(460)
<223> n = a or c or g or t

<400> 591
ttaaagacag agtttcgctc ttgttgccca ggctgtagtg caatggcgcg atattggctc 60
actgcaaccc ctgcctccca ggttcaagtg attctcctgc ctcaccaagt agctgtgatt 120
acaggtaacc gccaccatgg ccagctaatt ttttctattt tttagtagagc cgggggttca 180
ccatgttggc caggctgggc tcgaactcct gatctcaggt gatccacctg tcttggcctc 240
ccgtgctggg attataggca tgagccacca cgtccggcca aattttactt cttaaaagt 300
cttttctctc agtgatatca aggtcttctg tctactatta taaccataag cttctttagg 360
cattaaggag ggaaaatgtt taataaaatg taattaaact gggatggaat ggtcagtgt 420
tttaaatgta aatatactta aatgtaatta ccggggnggt 460

<210> 592
<211> 291
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H68097

<220>
<221> unsure
<222> (1)..(291)
<223> n = a or c or g or t

<400> 592
tgaagtttat ttncctctggc agtatgtttt agtttcttgt ttttnatttt gttgtgtgtg 60
tatgtgttgt agattttatg atttgaggtt accatgaggc ttgcaaataa cataacatgt 120
tattttaaag tgacaacttg acactgattg caaaaacaaa cagggcggaag agaactaata 180
aaaactgtac actttaactt cattcctcct gttttttnaag gtttttatgg gtttctattt 240
atatctcctt gtactatttt gaaaagggna ttgcagggtta tcatttggtc a 291

<210> 593
<211> 274
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H77531

<220>
<221> unsure
<222> (1)..(274)
<223> n = a or c or g or t

<400> 593
gggtattcaat gcgtgttcat ttatttnaca cttacaaaag aaatcgccca cccctttgcc 60
ncattccccc aaaacagtct ctttttataa acatttataa attaaaacca aatgaagata 120
gacaagttaa tttcagtaca attatttttc agtgtagctg tcataattag agtttaaatt 180
tcctacaagt gaccaatgtc caagtgactt atagggaaat cctgattatc ggccaaagga 240
aattcaatnt tacaagttag caaattctag gtac 274

<210> 594
<211> 317
<212> DNA
<213> Homo sapiens

<220>
 <223> Genbank Accession No. H77597

<220>
 <221> unsure
 <222> (1)..(317)
 <223> n = a or c or g or t

<400> 594
 tcaagtctaa gtgtttaatt attattcaca tatttcacag aaaaaaagga atgtagcaaa 60
 tgagtcggag ttgtagaaaa aaaaaatcct ggnttttacg tgtcattctg ttttcatctg 120
 acagcagggc tgtcccgaca tcaggcacag cagctgcact tctctgacgc ccctttgcag 180
 atgcagccct gggcacactt gggcacagcc caggggnaaa caggagcagc agcctggggg 240
 aaaaaggagg agagaaggtc acaggcagac ttnaccaggg ganctccctt tcccaacagc 300
 aggcctgggc tcaagct 317

<210> 595
 <211> 340
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H81070

<220>
 <221> unsure
 <222> (1)..(340)
 <223> n = a or c or g or t

<400> 595
 cagggtctaaa gtgtttaatt atcactcaca tatttcacag gaaaaggaat gtagcaaatg 60
 ggtcaagggtg gtataaaaaa aaaatccagg tttgtacatg tctctctgtt tacatctggg 120
 agaaagggttg tcttgggcat cagtcgcagc agctgcactt ctctgacgcc cctttgcaaa 180
 cacagccctg gggcacactt gctacagccc acgggnagnc agggagcagg cagctctttc 240
 ttgcaggagg gtgcatttgc ctctttgcac ttgcgggaac cagcgcggtg caggaggagc 300
 accagcggcg caggagcag ttgggggggtc cattngcaag 340

<210> 596
 <211> 330
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H81379

<220>
 <221> unsure
 <222> (1)..(330)
 <223> n = a or c or g or t

<400> 596
 ttaanntttt ttaaaaccaa aagaacaact ttaataagct tttacggcac tgcaattaca 60
 ggaacatcga cccataacat gcaacaaaaa tgattttgcc ttttggacat atttaacaga 120
 taaacttgac attacaagta acagcaacac attcccattc tactgaagaa aacaaatgcg 180
 atttaacttt caggttagaa aacgtatctt cttactgcaa tctcaagtng gcatttngaa 240
 agtttagttt tcccttttct aacctctaaa agatgatatg atttttaatg caatcatata 300
 caactgtttt cacattgggg aatantcacg 330

<210> 597
 <211> 419
 <212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H81413

<220>

<221> unsure

<222> (1)..(419)

<223> n = a or c or g or t

<400> 597

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ngagccagaa aaggattttt tttaattcaa gtaactgaaa taggaaacca gaggggggagc 60
cccaggctgg gataaatcat ggctaccctt ccccaacaga acagggggag gaggtggccc 120
ctacacccat tatggctgat tcgggcccc ttgtcactc tgctgcagca tcctagaggc 180
agggccccac cttccctggg actggggtag tgggtcacc agcctgcatt gccccagccc 240
ctnttcccc caaagagtat cttgggggag ggnttcgtgg ggcagaacag gagggcaatg 300
agggatgaac attgctcaaa ctcttttcaa aggggcacct gaccgcacag gggaggntgg 360
gcaggaaggg caaggntgg gggatgccgt ntaaggaggg cggangcagg canttttgg 419

```

<210> 598

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H83380

<220>

<221> unsure

<222> (1)..(386)

<223> n = a or c or g or t

<400> 598

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ttaattgcag aaaaatttat taaattggaa aatcttgctg ttttcaatgg cgctggcccc 60
gggtcagcgg cgattttctc tgcatacaga tgggctttgc gtttccgtag tgggcaccag 120
tggtggcctg attgtcagtc ttctcccggc atttttaagg ccaggagacc gaagcgctgc 180
ttgtaggcga atacctaca gagcggtttg gctttttaaa ttactgttat tattttgggc 240
agagaacagt cggctggtg gcaccccgtc ctgcgtgcag aagaggctgc ggtccgagg 300
tggggtctct cggaagggtg aaattccttc tnggggntna gcgagccccg gccccgcgcg 360
gcagtccagc ggccccggtg ttgttg 386

```

<210> 599

<211> 335

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. H84761

<220>

<221> unsure

<222> (1)..(335)

<223> n = a or c or g or t

<400> 599

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cggcacttta ttagtgggga aacncgcctt ggnetggcag agactgggat caacaggacc 60
ngcacccatc tcgaggnggt attttcngta agancaggng ttccnccctc gtaggtttag 120
aggaaacacc ctcatagatg aaaaccccc cgagacagca gcaactgcaac tgccaagcag 180
ccggggtagg aggggcgccc taggcacagc tgggcccctt agacagcagg gcttcgatgt 240
caggctcgat gtcaatggtc tggaagcggc ggctgtacct gcgtaggggc acaccgtcag 300
ggacccacca ggggactttc ttcaaagttc cnggg 335

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<210> 600
 <211> 178
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H86112

<220>
 <221> unsure
 <222> (1)..(178)
 <223> n = a or c or g or t

<400> 600
 gcttaaatggg gccaaagggg caacacaaaag cattgaaaac atcactggct cacaaaacca 60
 gtcaccttgt taccttctca gttgcatttg tttatttcac aaggcttcat tcacacataa 120
 aancaagata ctantccaat tcangttcat aacgggtata anggtaanca tttgttgg 178

<210> 601
 <211> 287
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H88338

<400> 601
 atgcatgttt aaacatttaa tctagaactt gattacaaag taattttaatg aagaaaataa 60
 tctgttataa ttcttataga tgtttattag ttttttagatt taaaaaaaaa acagggctta 120
 taattaaagc aattgactaa tgatctcaca gcctcaagggt tgtatgcaaa cctagattag 180
 aaatactttg gtctctaaaa ataacaaaat ggaccataac attttttttc ttacaagttt 240
 gaagtgggtc aattatgggg gaaacacata cattcctaag gggaaat 287

<210> 602
 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H88798

<220>
 <221> unsure
 <222> (1)..(337)
 <223> n = a or c or g or t

<400> 602
 nactttaata agtataaagt atataaacia ttaggtaagc ttgtggagaa gctgaccaag 60
 atacataaat taggaaatac aagtgtccat cttaaatttc tatatttcat ttttttcata 120
 atatttatta aagggtgtta atatacagtt tctcatctgt cattttggaa gtcctttatt 180
 gtaaagacaa ttctattgtc tgatgacaaa cagcagccac catgggtatt caggacctcc 240
 acgttggata aattccattt cttcttgaga cacaagtttc cttctggtat ttctgaggt 300
 atggntttta ttatttctgg cagtgtctgg tggaccc 337

<210> 603
 <211> 321
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H91703

<220>
 <221> unsure
 <222> (1)..(321)
 <223> n = a or c or g or t

<400> 603
 ccataagaca agtgacatat ccaaccaacc atccatcccc acctgtgccc tattctttcc 60
 ttgtgtttct ttagagcctt ttcagctatt tcctgtgaag caaactgcac gaaggcctcc 120
 cccgtactcc tcccctggaa gtccaccggc aatgttatcc catttggcac gatttccaac 180
 ccttcaaccc aaggacaaat aaccccagta gggggncaat attaacatca caagcccagn 240
 aaatgattct tcttataggc tttaaataaa ccaggacttt ttaactttag ggtgaatggg 300
 tatgttttca acaagtactc t 321

<210> 604
 <211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H94471

<220>
 <221> unsure
 <222> (1)..(395)
 <223> n = a or c or g or t

<400> 604
 tttgttactt ttacatgatc tttattattt aagaaaaacc tcttttaacc atttatataa 60
 cagaaaaaaa atagggaggc tggtagatca tcacatatat agtagctaaa atatgaaagg 120
 ccagggaatt tattattaat gaagtcataa aacagactta accaaaagtg tgtgctagga 180
 aacaagcagt ttcacttcag agacttcatt gcagggaaccc agtttcctta tgtggaaaaa 240
 agtgattata aataacagtt atctgaaagg tgggtgagag gattaaatga gatcacctat 300
 gcaaacaaat acatgtaggt atgaaagacc atccgtcctg ggggtngtgg aaagtttaag 360
 tttcccncc agaacccttc cttttaaggg cctta 395

<210> 605
 <211> 373
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. H94475

<220>
 <221> unsure
 <222> (1)..(373)
 <223> n = a or c or g or t

<400> 605
 tttttgcccc ttcatctttt attcaggtgg cataaaaaatc actacaaaaa ccttacaaaa 60
 gagccttaag gagctcatgg gatccttccc tgccctcggtt cctgagctcc cgggcagagg 120
 agggagacag gagaggaagg aagggaatg ctggcagtggt tgggatctcg aggagccgtg 180
 ggaagtctgg cgtgacaagg cacagggggg aggatggagg ctgatggact ctccggcaggt 240
 taggccacag ccaaggctgt gccangacac gagttccacg cggggctgag gacaacgctt 300
 cgcctcccga gccaccacca gggcccgtct ctccccaccc taagcctagg tgtcccggga 360
 caagtccaaa ggc 373

<210> 606
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. H95960

<220>
<221> unsure
<222> (1) .. (417)
<223> n = a or c or g or t

<400> 606
ttttattggt ttagtaatct taacataact taaaataaga gaggggaaat gacatctgga 60
gatctaggta tgtggcccat tgcaattgag cacatttctt gggctctgtt ctctatctct 120
aagggcagtc tcaaaacccc agctcaaaat acgacactaa catgatgaac atgcatgagc 180
tttgaaaagt gctctgtagt cttatgatga tctagaagag cactgtccaa tagaactttc 240
tgtgatgatg aaaagattct acttctgacc tattcaatag ggtaaccact aatcatgcat 300
ggctctcaag cacttgaaat gttgctagtg tgattgggga gctgcgtttt gaatgttaac 360
naatttanat tttaaatcnt taaaaagttt acatgtgggt tagtgggncc cegtacg 417

<210> 607
<211> 439
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H97538

<400> 607
attttttagt ttttgggcaa aacattcact gttctgtttc agcatatttc cttggaacat 60
cttcatctct ttccattttg cggacactcc ccttcttcta ttctccttta ctcaaaacat 120
atggtttaga cccacatcat ggctttcttg tgggaagcct ggatgggact aggaaaacac 180
atgtttccaa catggtgcat atctgtttgt gcagatatca gacaagattt aatcttgtct 240
aacctatgcg tattgttttg atgtttgcct gtggttattc tgggcacagc aatggtggac 300
attattgaaa atgaacttta ttggcagatg aaagataata gaacatgaag atttatgaac 360
taccataagc tctgcatctc tgggtcttca ttccaaagc agcacttga aaaccaagcc 420
cagtttcagg caaagagtt 439

<210> 608
<211> 543
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H97868

<220>
<221> unsure
<222> (1) .. (543)
<223> n = a or c or g or t

<400> 608
cagcnagctg tgctttattg acaatgcgga ctggtatgta cgaggccgaa ttcgacttca 60
gagaagcact ggaggacggt ggagaagaag aggttctcgg actttctccg tgactaagga 120
catgcgaggt taaagttgtc ttcttgagaa cttcagaggt cagtccaggc tttggatctg 180
ctgcagttga actgggtaaa ttagaacctg atagttgagt ggaatgggga aacagtaacg 240
tcgaggaggt gcccttcgat gcagaaaagg gtgtagagtg agcggtagtt tgaaaatacg 300
tagctgattc ttccaccacg gccccaccga catccagcct cctagttgtg gaactcctct 360
aggacagagg ctccctcgag gtttaactggg tcgggtggtg tgttcggatt agttggagaa 420
acaaggagaa agcaggtggt ttaçaggcaa gctgctcaga ggtagtggga gaagaagtta 480
actgcccatg cttttgctga agggccatcc catgaagcat tcaggatgtg atgaggtctt 540
gag 543

<210> 609
<211> 317

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H97889

<400> 609
acattaaaaac aaaaactttt tattcaccca gaactgggaa tcacaattag taaagaccat 60
aatagaatta acaaacagcc ctagaacaca tatttaaatt tgcagtgggt gttaagtagg 120
aaaattatga ctccatcaac tcttccttgg taggttgatc ttgcttttcc tgaggcacca 180
ggactcttca ctgttatgta aagaactgtt aacctaaaag acatagaaca gtgagtggcc 240
acctctacca gctgtgatca agacctcccg ggatccagag gatggtctaa tagttcatta 300
aattgctgta ggacact 317

<210> 610
<211> 495
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H98676

<220>
<221> unsure
<222> (1)..(495)
<223> n = a or c or g or t

<400> 610
tgctgggcat gtaaatgtga gggttacctg ttttttttat cttcatacat ccattcatca 60
attcagtcac acacttaaga actattaatt aaatgcctac cctgtggcag gcactatatt 120
aagtgtgag gatacaatga aagatatgac tgggtggttct tgaattcatc tcaactgtcta 180
ctggagaagc ctaacctata aacacagtta caactatgtg atgtggactg taatggagag 240
gtgcacacat gtaagcagtg atgggagcac agaggaggaa gctcttattc ctctctgca 300
atgggtgtgga gtgttgtaag aggcctttca gaagagatga tatttgaacc cagtcttgga 360
agaatggagt atgggggttt cntaggtgga actaagatgc caaaagatgg tattccaggg 420
tantggggaa gagcatgtga atttnggtga ataaaggatg atagatgagt gaaagaatag 480
ccttaaggta ataaa 495

<210> 611
<211> 440
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H98835

<220>
<221> unsure
<222> (1)..(440)
<223> n = a or c or g or t

<400> 611
caagatcctg cctcccaagc ctataagctt taccaggaga gaggcaggcc ccaccccaag 60
atccactatc cactctttga agaaagatta gagccatgtt ctccagacttt gggctgcatc 120
ctaataccctg cgaagtgcac aatgtgtgat gactccaccc tccacccgat ccagaggggc 180
tggggtgaga cccaaggctg agaggcctcg atggcttctt ggcccatct cgggcagcag 240
ctctatggct gggctctcct gcaggctggg tgcacccag gccctcagat ggttctaacc 300
agaatcgatg ggcagcagtg acttcgactg tatcatcaat cttggctgcc acaaggttgg 360
gttgtccagg ccctcagctt gancccttga ggtggggccc ccacacagag ctttgtctgc 420
ccccagccca ccctcattta 440

<210> 612

<211> 495
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H99035

<220>
<221> unsure
<222> (1)..(495)
<223> n = a or c or g or t

<400> 612
tgagcttttg acaaatttat tgaaacatac aggcggctgt tagcagagaa atcattccat 60
gattgatgtg ttacattttg ccactacctt gaatgtataa tttaaaaatt atatttttca 120
caactaagcc tttgncaaaa aagtcattta gcacatcttt aaagatcaat aagaaatgga 180
ttttggacat taaaaagatc aagtcactga attaaacagt agcaaccccc attaattctag 240
aatcccatag tgctgaaggt agaggtgtct gtgcaaagct agtcatttgt taacagcaat 300
cagaaganga tggggggcagg cacacctgtc agaggtggca gcagactggc aggacaggac 360
ggctgggctg gtctggctcag gtgagcatgt cccagagaca gcagcaacag agagccgtcc 420
agcaggctgt gaggcagggt gatggtccta gctcatctcc tccttgggtc ttctaccaca 480
tacactgtgg gnttt 495

<210> 613
<211> 424
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H99648

<220>
<221> unsure
<222> (1)..(424)
<223> n = a or c or g or t

<400> 613
gggggtatag attttatttt aagtttatat ttcctgcagg atagcaacat acatcttttc 60
ctaccagatag gcaaaatata ttttccaaaa acgtggacac tgcccactgc attaatgtta 120
aagtgtctccc tatatatata gacagtaaaa gtaagcaaag aaacttacaa cacattccaa 180
tctttaatat ctcaaaaatg tttccaaggc aacattatta aaataattat accacagtcc 240
ctaataatac atcaagctcc agtaggaagg tacagagagg gcaggaagtt tccatccagt 300
ctgggttagg tgctcttctt ttcttcaccc agtaaattca cggtagcttt ctctgcttct 360
ttagtgatgg catctgcagt ccccttggcc ntgtctttaa ggggccctga ccacactggg 420
ccat 424

<210> 614
<211> 438
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. H99694

<220>
<221> unsure
<222> (1)..(438)
<223> n = a or c or g or t

<400> 614
atttttnatat atgtatatat ttattatgtc acaaataagct acatactgga taagccagaa 60
agatgaggaa acatgtttgc atctcacact agtgcagaga ttctgaaaaa gacccactt 120

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ggaataccaa accacacatt agattgttct gttcccaatt gtgtgccaaa gtgcactctg 180
aactgttttg gtaaagccga ccggtggagtc atatgaggct gaataacttg ggagaatgta 240
agtctgcaaa ataaacctag gactggattg atcctcaggc cacttggcag gtgaatgtct 300
cgggagtga ttagagacaa gcttcctgaa aaggcttata tgacttaaag aactttttgt 360
ttaagtgtt ggtcccaaat aaactattaa gatataataa gtaattcact gctcaaaaaat 420
taccgtcaga taaatatn                                     438

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<210> 615
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. J00073

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<213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

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<220>
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 <213> Homo sapiens

<220>
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<211> 1522

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M16336

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<210> 662
<211> 1483
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. M19045

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 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. M19154

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 <211> 3583
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. M19283

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<211> 565

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M26311

<400> 673

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<210> 674

<211> 213

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M28590

<400> 674

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<210> 675

<211> 1045

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M29645

<400> 675

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<211> 1586

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M30894

<400> 676

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<210> 677

<211> 1922

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. M31776

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<211> 700
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. M31994

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<210> 679
 <211> 1268
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. M33197

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<210> 680
 <211> 1081
 <212> DNA
 <213> Homo sapiens

<220>
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<211> 1631
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. M33552

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<211> 1056
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. M33653

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<210> 683
 <211> 1238
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. M34338

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<210> 715

<211> 309

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M98539

<400> 715

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caaaggaac						309

<210> 716

<211> 2653

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. M99487

<400> 716

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cccgccgtgg	tggttgagg	gcgcgcagta	gagcagcagc	acaggcgagg	gtcccgggag	240
gccggctctg	ctcgcgccga	gatgtggaat	ctccttcacg	aaaccgactc	ggctgtggcc	300
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aaaaaaaaaa	aaa					2653

<210> 717

<211> 385

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N20967

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ctttactttt ttgagagggg ggggcagtcg ggaaaagctt ttgagaacta tggactccca 180
ccagcagtaa tgtgcactgc acacacacag catcctgcag acagcctcga gggcacgccg 240
gcaccctgaa gcgcgtgcag aaccccatgg tactgacctt ctccaaacaa ctggtctgtt 300
ctgttcgacc ccaaaggagc ttgccccgtg tgcgtcaggg gatcaagagt ggcagaggat 360
gtctgttctt ggcaaaactcc ccttg 385

<210> 718
<211> 301
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N22006

<400> 718
ttttgaattc ataatcattt attgtaaatc actcacagtt tacacattac cagtggcaaa 60
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catatctttt tctaaaattt aaaatttaac ttttaaattc tacatctttt ctgaaaatat 180
ctatcttcaa agtgctccaa tactaacact ataagccctt tcttttgctc taacatctaa 240
caciaagggc acactgtccc attaatccca catgcacttt acaaagcaac ttcacacaca 300
a 301

<210> 719
<211> 301
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N22006

<400> 719
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catatctttt tctaaaattt aaaatttaac ttttaaattc tacatctttt ctgaaaatat 180
ctatcttcaa agtgctccaa tactaacact ataagccctt tcttttgctc taacatctaa 240
caciaagggc acactgtccc attaatccca catgcacttt acaaagcaac ttcacacaca 300
a 301

<210> 720
<211> 416
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N22115

<400> 720
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ccacggctgc ttcgtttgga caaaaataac caggaggcat ccacgggatt agttacacgg 120
tatcaactta ccaccacagc agaatcaaca gttgactcgc taattaacag aaccgtttgc 180
tagaaagcac taatctagtt atataaatat tgaaataggt cacatgcaaa acactataaa 240
cgttttgtgt gatgtacttt tagttctcca tagttttgtt tggatataaag gaaatataat 300
ttggctgtga cgtagactgt tgatgtaatt ttcaagtttt cctgtatggg gaaagttgcc 360

ctgactgtgg cccttttcaa ggtggagcct ccaacaccac gttgggcaga ttcaga 416

<210> 721
<211> 246
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N22297

<220>
<221> unsure
<222> (1)..(246)
<223> n = a or c or g or t

<400> 721
aacatgttaa agaaatgttt aattataaaa ttaagcttat acataatcta aaaattttca 60
aatgtactgc atttatagca taaaagtaca attagtaaaa tgattcacta gtaatttaac 120
tacatttaac ttaaagttaa attaaaaatg cttttctcta tgatgcagaa tattactcca 180
aacacctacc tcatgcatca ctcaatatga aaagtaaact aacaggggnc ctccacttaa 240
gatttt 246

<210> 722
<211> 450
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N22620

<220>
<221> unsure
<222> (1)..(450)
<223> n = a or c or g or t

<400> 722
tttcaagtca cagattacat atattttacat taattcaaat gtccaaagca cagtacagta 60
gggtctatatt aatagttcac ataatttaag atttacatat acacaagcac atgaaccaat 120
attagtttgc tagaacaggg atttaagaag ttactcagac attttggtat tgacacttac 180
atattttatgg caacaaatta tgatgacttt aaattttcaa tgagatcttt tgtacaagaa 240
tacagaatgg gaagaatgta caaatgaaa agacaggcaa acaaatgtac tttccttggc 300
actattttcta taacaccata taggggttg ggcctcggtg ccgaaattcc ctggcaagcc 360
ccgggggggtt cccacctaaag ttctnaggag ccggggccgcc acccgngttg gaagctccca 420
gcttttttggg tcccctttag gtgagggtta 450

<210> 723
<211> 368
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N23352

<220>
<221> unsure
<222> (1)..(368)
<223> n = a or c or g or t

<400> 723
nttgcaattg gggtaatagg tttattatct ctatatacaa gtaagcattt attgatgttt 60
gtcaaaaata agagacaaga taacaaaaac tatttttagca tgaaaacgag atagctgcaa 120
tagactaata ctgagcttaa agactccaaa aagagcacag aacctgaaat gacagttttc 180

aggttgtata gttatccaga caatgaagtc aactatacaa ggcaagcaac acatgacaat 240
 aaaacacccat caacagtttc ccactggagg atggagggag gcttgctggg gcctgggnaa 300
 ctangtggga aaaatattta aaatctcata aatcctccgt atcctttttt tccnatttca 360
 gggaactt 368

<210> 724
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N23730

<220>
 <221> unsure
 <222> (1)..(375)
 <223> n = a or c or g or t

<400> 724
 tcgcattcaa cttaaatgnt taacatngac aatgtcttgg aacaataagc aaacaatgct 60
 taaatttttc attcaaattc actttccaca tgtcaaaaga cctcaaggta gaaaaaata 120
 aaataaaaaat ataaatatct gagaatccat cttataaat aaattaaaaa cncnnnccaa 180
 cgttttcaacn nccccntgtt aatgtcagaa cattcagacc acctcaacaa tgcattgatca 240
 gtaacattac aatgaacatt gatgttgaag aaaaactaca gtacatggat atagctattt 300
 atttctatct accagaaaat aaagtcgtat cttttcttag tataatattg gtcatttcta 360
 atcagaacac actat 375

<210> 725
 <211> 469
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N24761

<220>
 <221> unsure
 <222> (1)..(469)
 <223> n = a or c or g or t

<400> 725
 anaattcaaa cttttatttg gcaataagtt cagagtcaca taacacataa aatcaacatt 60
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 gcctgatatc atacaggcac aatctgtcat tccacgagat aactggaaaa gtctccaaag 180
 tcagagttca aacctgcagg actgaaaaca cacagaagca ctgtcgcagg ttgggttccc 240
 cgaaagcaga tactgaggtg gagaatggcg tgcaggaagg ttcataggac agtgctgtgg 300
 gctgagcccg ctgggtacag gcttgtcagg gagaggcact gggctgtaat gtggccacaa 360
 tgagggtctca ctggaccca caaggggctc tggagctggg atggccccag aggttttccc 420
 aagttgggggt gaggaggcca gacctttgta ccccatatgg agccggtaa 469

<210> 726
 <211> 454
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N24899

<400> 726
 gttgttggaa aaacatttat tgcaattcag tgtcaaaagt tttttacaaa aatatgccac 60
 cgtctgggtac aaacaactat aaaaaatcag ttcattcatgc aagaaaagtg tgcaataaat 120
 ttatacagaa ggactcagct cacacaatat taaataaaca tctctgcatg taattgggtct 180

aacttttatgc tttagttaca atgttcaacc ccctctaata cttttcattt aaaaaagtac 240
 attaaagctt ctaagcttag gacacaggct gtaatatagc cccacttttag ccatgggtgat 300
 tggcacttgg tagaataaag attggcacca aggattccca agtatagaat acagcttgga 360
 gccttctgct taacagactt gtgcttcgtt aattaaaca acacatctat actcaaagac 420
 agaaaaagtc atgtttaaac tccagaaata atgt 454

<210> 727

<211> 441

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N24902

<220>

<221> unsure

<222> (1)..(441)

<223> n = a or c or g or t

<400> 727

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 catatgaagg agcaggagga gaggaagaaa ctttttttcc ttctttttcca ggagtagctg 120
 gaaattaaga tcgggttcct tttctgccag cttggaaggg caaccccatg actgattgctg 180
 attctgagga tgtctatgca aagttggatt cttgttacag tgtatccaat ctgaagtatt 240
 gcacatctga actgggactg ttaacactga tgccaatata gtgtgggggtg ccagaaagtg 300
 tctgctgata tttgtggaaa aaaaatctat tttgtttacc tactgtatca aaggggagtc 360
 tggggggagaa tggtagtatt tttttttttt atcagctgtg aaaaaaatgt tacagatctg 420
 cacatttttcg tgtgtactat g 441

<210> 728

<211> 488

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N24990

<400> 728

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 gggtgtttat taaaattttc tctaaatgtc atacagaggc ttaagatctg tgtatgctgt 180
 tgggtcggag tgccagtcac tgctttggaa gtctgtgttc tggggctgca gaatgacaaa 240
 cgtgtcatgg gattaaaacc aatcaactgt gaattgtgaa attgaagcta ctctttcggg 300
 tttattttct ttagcatatt gagtatagaa atctgaaact tattttaaact ttatactgct 360
 tttgttgatg gctcattttg gctgtgtatc ctcacttatg tactgatttc tggataaagg 420
 cttgacatta ttataacacg ccatttttgtg ttccagttta ataaaacggg ttctgagtct 480
 tgtctgga 488

<210> 729

<211> 466

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N26713

<220>

<221> unsure

<222> (1)..(466)

<223> n = a or c or g or t

<400> 729

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 tgaaaattct agttgggtcat caattctctt cagagcaaac atcattttat ctactctata 180
 aaaagaaacc taaacaaatt aagatgacaa gtaagaaaaa cttattctct ttatctcctt 240
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 atttgatat aacaagattt gtactactga cggttgatat acacaattaa atcnttcctc 420
 ctagtggatg atggaaaatn aatgggttga ngtaanaccg gatcca 466

<210> 730

<211> 221

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N26801

<220>

<221> unsure

<222> (1)..(221)

<223> n = a or c or g or t

<400> 730

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 tccngatggt gtggggggtg ggaacaggct gctggaacca tgggtttacag tagtagcagg 120
 tagatgatta gtagcatgag tggtgaaatg ctgcatctaa gtgcctgtca ctttgctccc 180
 aggggaatat catgcagccc aggaatagtg ttagactggg a 221

<210> 731

<211> 445

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N26904

<220>

<221> unsure

<222> (1)..(445)

<223> n = a or c or g or t

<400> 731

aagtttttta aaatttatta tttattatatt ctttttgctc ttgtttcgtt tctcttcctt 60
 gagcttcttt ttggagactt tgggtctatt ggcctttctg tatagggtgat acccaatgag 120
 gcccaggagg ntcggcacca tggccatccc taccagaggc aaaatgccct tcaccagctt 180
 tanccagtag ttggctcgga ttagtgcaat cagctccacg tcatactgca ccaactgcatc 240
 cgctgggaca gatggtggaa atccccgttt tccataggcc aagtgagaag gaatgattgc 300
 ccttcgcttc tctccacac acatgtcgag aagactctgc tccagacctg gaatcacctg 360
 cttttggcca agttctataa ccagagggtc tctgggtccag ggagggtgtca ataatacgtc 420
 catctaccaa gcttcccgtg tagtg 445

<210> 732

<211> 438

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N29568

<400> 732

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agccatatgt ggagccagtg gatggtggac tcttaccac agggctcttt ttggatggac 180
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gctgggcttc gctcccaggg actcagctca gaaactgctg agggccgtga tgcagaacca 420
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<210> 733

<211> 497

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N30198

<400> 733

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ttattacagg caatgtattg taaactcgaa catccagaat ctgagttaca cttattattt 180
ttaacatttt actcaataaa aatctgatat actgggtcca agtgatgaca cattccaaat 240
taatgtaact ttcttgacgc ttaaataaac aaatttagat caccaagtga aatcaaagcc 300
aagtgtattt gcacaactca agaatgatgt gaatggatta gaatctctca tagtgcatac 360
ttcgccattt atacacaaac tttgagagtc ttctgagtga catggtattt aactttgttt 420
ccaaggcca aataactaaa tgtatagaat atcctactct atactcacta ttaaagtgtca 480
tggactaggg aaatctg                                     497

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<210> 734

<211> 585

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N30856

<220>

<221> unsure

<222> (1)..(585)

<223> n = a or c or g or t

<400> 734

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tacaacttgc acattgagtt cagcattcta taaatatggc cacataccaa gatgtgaaca 180
tattcttgtc ttatataaga aaaggctcag gttgtatgcc acaaactttg aattaaattc 240
cagggaaaata ttgcttttgt aacatgaaca atttgtacca cattccatta aaaaaagatt 300
taataaaatc cctcaaacag cacttttcta cttgtttcgg agtacacaat tcccaaatta 360
gcacaaacaa aacaaagcaa aaaaagaaaa acagacagaa tgtaaaatgn aggttgctac 420
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gtaagggtgg gngaattgaa atggcctatt cctatcccca tccatttgcc tccaggatcc 540
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<210> 735

<211> 544

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N32521

<400> 735

```

ccagacatta tggccaagca tgccatacaa aactgtgttt atcgtgaaac aatctgagtt 60
aggaaactag gattgttgcc accaccattt atttatctag ttcataacta aggatagaac 120

```

```
actatagcag tgctagagat gcaaagacgt ccctgccctt aaggggttac aatcttactg 180
gagaatataa caggcacata agaagctgga ctacaaggaa gcatgagcta acaaagcca 240
gacttcggaa ggagcgtag tttgagaaca tgggattcag agtcacaaaa cccacatcct 300
agtcccaacc cagtatatca gttaacctct ctgggttttt tcccagctac aacattaaat 360
tagtaagact ggagaggctg tctgcatgtt tccatcatca ttcagatcaa aagctgagat 420
gagcttttagg gaggaggctg cacctgagcg ggacactgaa ggaaggcaaa ggaggtgttt 480
cagacaaggc aaagcagtac tgaggtagct gtaagcttgg agtttgatg ggagcgacag 540
ccag 544
```

<210> 736

<211> 579

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N32748

<220>

<221> unsure

<222> (1)..(579)

<223> n = a or c or g or t

<400> 736

```
cagcagaaga gtgacctgat tttattcacc ttttattgga aatctgtggg acagaactag 60
gcaatgaggg tgctacaata ataaagggtga gtgttggcag tggcttgacc agagcagaag 120
tgggaatgaa acagttggat tctgtttgtt ttcaaagaag agctcataga acttactgat 180
ggnttggttat gtaggatgtg aaagaaaacc acagaaatga ctccaactaa aacagtaaaa 240
tgccattcac taatttcaag atgatgagag aagctgtttt gcagagataa tgaaagaaat 300
tctgtttgaa gcctattaaa gtttgaagtg catattaatt ggactttcaa gttgagatgt 360
caagtaagta gcagggtctc tgagtatgga atacnaggct gtgggcnagt gacttancgt 420
ctgcaacatc cacatatagg cagcatcncc atagcaacaa acatccngtt ccaaataatc 480
cgccngattt tcttcttcca cgtccatctt cctcagagtc catcaggggc cncagnact 540
ggcnaatcca cncatgngcc cgttacctcc ttctcngca 579
```

<210> 737

<211> 355

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N33927

<220>

<221> unsure

<222> (1)..(355)

<223> n = a or c or g or t

<400> 737

```
acaattctcc gcagatttta ttaattataa cttttttttt cagacgtcct gccatcttct 60
cattcagact tttcttagca aaggtagtcc atggcaagta atgaattccc agtaactagg 120
tctgtaacag aagtaaattc tgtttttatg tttataaact caaaaagtaa catgaagtgc 180
aaacaccttt agttccttcc cctcggtaac cttcttttga tgaaccagtg tgcagcaaac 240
caggatgaag ttggatttgg gtgggatcca cacaggatcat tttcaggcaa gatgagactt 300
cccaagttcc atgnatagat tcatattatc agttatttta tgcattcatt tctcc 355
```

<210> 738

<211> 442

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N34517

<400> 738
 ttttttgttc tcaaataattt tttaataaat agacgaaacc acgaaaccac tagactgatg 60
 gcagcaaaact aaggtcagat gagaggggaa actagagaag gagcagcctg agtcagtgc 120
 acaacctcct ccccgaccct ctaggttaag gcacttccgg ggaggcaggt ccttggggtc 180
 ctgttacaca ggggtgaatgg gagaggaagg gattaggatc ccttctcccc acctttgcat 240
 caggacaccc ctgccccttct caccctaccc catggcccctg tccctgattt acccactctc 300
 atctcacagc actctaaggg gaagtttggg tgggaggagt tcttgtgggt gggagagggtc 360
 tgtgcccctg aggaagccga tcctgccaaa tcttgatgcg acaccagcag cccactctac 420
 cctcttcac ccaaggagcc at 442

<210> 739
 <211> 455
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N34817

<220>
 <221> unsure
 <222> (1) .. (455)
 <223> n = a or c or g or t

<400> 739
 aacaggggatt tatagcagct ttattcaaaa taactaaaat ttggaagcaa ccaagatgcc 60
 cttcagtaag tgaatggata aactatggta cacacaatag aacataattc agcactaaaa 120
 agaaatgggc tatcttgtcc tcaaaagatg aggaaactta aaagcatatt actaagtaaa 180
 agaaggcagt ctgaaaaggc tacttactat ataactgcaa ctatgtaaca tgcgaaatga 240
 tggagatggg ttgcagggtt aaggggatga tatgtaataa acaggaagag cagggatgac 300
 ttttagaaca aagtgttctg tgaggtaact taaggctggg atacatgtca ttatacattt 360
 actccaaacc cataagcatg taaaaccncc aagagttaac ccctaattgt aaacctatgg 420
 gcccttggga ccacctatgg atggcnccaa tggtta 455

<210> 740
 <211> 412
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N36001

<220>
 <221> unsure
 <222> (1) .. (412)
 <223> n = a or c or g or t

<400> 740
 attagtgaat tagtttattt aaaaccatca gtttttccaa tgtgaatgga ctgggttcata 60
 tcacaccata ttttagagata caaggtgatt ataactaacg tgtctacaag acatactggg 120
 tcaaacaatg tgatcaatcc aaagggtatc tttttaaaaa gaattttaagt actcagctgc 180
 aaagataagt tctaataatga gattttcttt tttttttttt taaaaaaaaa aggttttttaa 240
 tgagtcaaatt ttattacaaa aacttagtgt gtaatcaaag ccaaatacat tcctcaggca 300
 tgccagcgga acgcaaaata atgttaatat aatgttatta aaaaataaaa ctttttctga 360
 atgatataata taanacctca tggcacatta tcctcatttg gacaacngga aa 412

<210> 741
 <211> 425
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. N38882

<400> 741

```
accatgccaa aagattttatt aatccttcta cataggcaat caatgcatgc atattctttt 60
ctttacaaag acaaaaagcca tttaatcctc cttataattt agtttaattc tgtttcaaat 120
gtttgacctt gatggcctgc agtgctctat ctcttttatg tattttacat attgttataa 180
ctgacaatta atataaagtc cttttcactt agggatacga tctccttggt tcggttttgt 240
agccagtccc ccaaattttg catgaggaca aattcacgat tcttatgagt gtgtctttga 300
atcccttacg tcaaggtttg gtgccatgaa ggatgaagct gctgagccct gaagtcgtgg 360
ggctaagggt acacggacaa ttaagcaact taagtgacta agcccgtgtc tgattcccct 420
gcagg                                         425
```

<210> 742

<211> 430

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N39415

<400> 742

```
cagagaataa cattttatttt atttggaaag ttttcctaaa tatgagacta tctgctattt 60
ctcagactaa gtgaaaaatt taataaaata gctgccttga taggaggaaa acaaagttct 120
tactttataa ggaataacgt atgaatcata aaagaagaat gagcgatcat gggaaacatt 180
tagcttttca aagtttttgg aacatgtacc ttaaagtctt ttgggatcca gtaaaggcca 240
ggaaaggcaa agagttgaaa gtttcttgga tttatcctcg tacttacatc attagtaata 300
ggaataatgc atctcaaat tggggcattt atataaaaac atgattttta aatggtagtc 360
tagtataaac taggattttg taatgctgtt taaatatatt catattactt tgtttcgaac 420
gtagacattc                                         430
```

<210> 743

<211> 443

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N40141

<400> 743

```
gctgactcaa gttcttcagt tcacgatctt ctagttgcag cgatgagtgc acgagtgaga 60
tcaagatcca gaggaagagg agatggctcag gaggtctccg atgtggttgc attcgtggct 120
cccgggtgaat ctacgaaga ggaaccacca actgacaatc aggatattga acctggacaa 180
gagagagaag gaacacctcc gatcgaagaa cgtaaagtag aagggtgattg ccaggaaatg 240
gatctggaaa agactcggag tgagcgtgga gatggctctg atgtaaaaga gaagactcca 300
cctaataccta agcatgctaa gactaaagaa gcaggagatg ggcagccata agttaaaaag 360
aagacaagct gaagctacac acatggctga tgtcacattg aaaatgtgac ttgaaaattt 420
tgaaaattct ctccaataaa gtt                                         443
```

<210> 744

<211> 513

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N47686

<220>

<221> unsure

<222> (1)..(513)

<223> n = a or c or g or t

<400> 744

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gggttttatgg ggtttaattt ttaataactgt taacatcatc gagccagcta aacaccaaga 60
atatcaataa atactaatag tttgtttttca cttcctcctt ctgttggagc actttgactt 120
tatatacatt ccagtcttag tgccaaggcc ccattgggtt tcaaatcca taccagagca 180
catcacctgg atgtgactct catatgctca aggatattcc tggagttgaa aggaaatata 240
aaatgagcat aagaacagat tacagacgcg tcagtatgaa agttgatact cgtgaaaaaac 300
agcagtttgc tgagaccctg gaagtttagct ggagcagtcg ggcagaaatg actcgtgacc 360
atggctgcaa atggggccttg ttctcacaaa gggctttcca ccattctttt cttgggcttg 420
caggtagaag atgcgggtttt cttcaggata agtaacttta ctgaggggca tctttagat 480
gttgggaattt tttgtgggtca tgatgaggaa cnt 513

```

<210> 745

<211> 442

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N48056

<400> 745

```

atataatatt caactttatt tcaaatatac caattttaaa atttatcaat ataccatta 60
cgattctttc tgagtgcacat accacacaaa ttcaatacgg attctctaaa gaatcctctt 120
aggctacttc actcaaagtc tctgacgtg cctgcactgt gaaggctgca acataaatct 180
gtctcttcac ttctccccag gccttggaag ggtccacttt gctttcaata tcaaacagag 240
catcataaat tcttggaat gactccccctg catacttggt gtggctgctt ggagcataga 300
tgacatgcct ataaaaaggc ctgtctggta accctaattg atcaataaat gctctttcca 360
gaaacatgag ttgatcattc atcattctta atactattgg gttgcttttg gtcaaagtcc 420
tggagtctct cactgaactt gg 442

```

<210> 746

<211> 475

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N49899

<400> 746

```

ttccaacaac atttggttta taaaggaata caaacaggca caaaacatgg ttcagaagat 60
ttattaagta aacttgctaa aatatggaca gatacactta gcagtcaaac agttgaatat 120
taattgctac ctcattaaag tttttgtatc tgtattacca ggtccaaaca taaaaaccac 180
ctctgttcaa aaaataaatg ttcagagagc tgtatgttct ttgttcttgt atgtacattt 240
taaaaaaaca cctctttcca gtcttgctaa ccaagaatat tagtcatata aaagaactta 300
gaattttttt ccccaagtac aagctatctt ttggctccaa aacagttctg aaggttttat 360
ttatatttta tcttatcccg agggaccaac agcagggcat accttggcc aggccttctt 420
ggcagaaaga cacagagccg taaagggaaa aaataaaatt gccataaagg tatag 475

```

<210> 747

<211> 474

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N51529

<220>

<221> unsure

<222> (1)..(474)

<223> n = a or c or g or t

<400> 747

```

gcaaaaaata aatataaaat ttattaaaac acccacaata ttttaaagat accaggagta 60
atacagttca caaaccagtg tgtttgtgta aattataata aaatacaaat caaaaaggat 120

```

```
acataacttgc aattttctagg caccctaaat taaatcttact gaaacactga gggagaaggg 180
agggttaagga ggggttagctc aggaggcaaa ccaataaagt ggaaggaaaa aatattaaca 240
aaaaggtaaa aattatacaa aataaaatta tcagcgtaaa tttactgtac taagaatata 300
tacagtttta tacacatcct attgcccttg agacatttgc aaaaatctac cattcatcca 360
tcaaccccag attaaacttc attttcaagt agccccagtt ttaccaagtc nagacnggaa 420
tatttccagt atgggttggtt aagttcacct ccantgggag gccccagttac ccaa 474
```

<210> 748

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N51579

<400> 748

```
atcaaatgct tttgattatt tattagacag ccgcactgta ccaaatccac ttggctggtg 60
gtgggtttgag aaacttggtta catgctttca ttgaagtaat aagatcctgc tcttcataat 120
cgcagactct caacagctgg tgagtgggag aacctcatgt aaacaacctc ctctgagttc 180
attcttcagg gctcatgaga ccagtcacct tttcttcagc tgaaaaaaca catcaagaaa 240
atgaatgctt ctgtcctagg ggaacatgac acaatgagaa gtaatcaata actagaaata 300
gtgtgggagc gtcttttaaag aaaacattat gaaatgtaag aaggctacac acacacacac 360
acacacacag attaacaat tttaaaaaga tatctgggga gatcccccta tcaactgtgg 420
tattcatggc acaagtttat ttaaaatctg gtggcctaca tttccaat 469
```

<210> 749

<211> 507

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N52254

<220>

<221> unsure

<222> (1)..(507)

<223> n = a or c or g or t

<400> 749

```
tttctattaa tctttattta tatgatggtt ctctggaaag cacttcattt taaaacctgt 60
ttctgagata agtagcataa ggcgcatctg aagaaatact attgttgat cacagagaac 120
ttccatgcct tgaaatcatt tttttcagag tattattaat aagatggtct agctatgcag 180
agcaaaaaag aaaaaaatc ttcaaaagcc aagactgtca ggcacatgaa ggtatgcata 240
aactgtcttc acatttaatt ttgtatgatt cgggagatac ctccatgtac atctaaccag 300
gtcaggcagc ataagtcctc agtaaccctg ggggtgtgcc gcttcaagcc aaagtattct 360
gttgagtttg gtttgtggag agacatttga aatgttgctt catagcttcc attttctgga 420
gaagtggaag aaatgaagcg tnaaaaggcc taggaaatcc tcgtcttctc caggctcttc 480
ttctccttct gcagnttcct cctcctc 507
```

<210> 750

<211> 166

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N53359

<400> 750

```
catctaaaag tgggttttta atatatatat tttttccaaa ggaagaaatt tcttgctttt 60
actcagggaa aaaaaaaaaa ttaaggtaca tttgagtaga atgatttcat ctaaaagagt 120
tctttcagga gacatctgtg attcactgca ttgtttttat tttctt 166
```


<210> 751
 <211> 380
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N53447

<400> 751
 gtatagagta aaatttatta tagggttgta gaattcatat aacctaaact ccttacagca 60
 ttcagcacct acacaatttt gtgcattcca aatacagata gtagtgagaa agaatcactg 120
 cattagttaa aaatgactgt ctcatgaaaa ttctgttcaca tataagtcag gtttaattaca 180
 gagcacctaa cagaactgca aagatgtaat ttctaaattc aagaaagttg tacaaaaatga 240
 aaaacaaaag aaaccaacaa tggtgagatc tgatatattt tacacaaaaa gttcaaaaac 300
 aattttaaatt atttcaaatt ttaaaattgc tccaccataa gatgaataaa gagcttactt 360
 aaaggaaaag aaaaaaggaa 380

<210> 752
 <211> 260
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N54053

<400> 752
 acaggaaaaa taaggcattt attacagatt gaaactgatc agaagaaaaa tcacagaatt 60
 cacaaaaatca ttctttgttg gaacttttct tccttccatt gcatttttgc gtttaagagaa 120
 aaggagtgtg agggtcagac caccgtggca tgcgttcaca ttccagcttt ggaggccagg 180
 gaccaggac tcctgggaat tattcaaaac cagatccgat gataccagac actagagcag 240
 ctatgaaaga agcagctcct 260

<210> 753
 <211> 441
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N54845

<220>
 <221> unsure
 <222> (1)..(441)
 <223> n = a or c or g or t

<400> 753
 tgctagctta gatattctac tataaaccat ttcattgagt acctattatg taaccaatat 60
 tttaaaatat acactgaatc tgaggcaacc caaaatgaac aatggaaaaga aaactagtaa 120
 atctgaaaatg tacttcacat tctacttaat ctaattttaa atataaattc attgtgcaac 180
 ccataagaaa gatggtccaa cctgtgggta tttttaaaaa ttctaacagg agaaatcatt 240
 taaaattttg ctttttcaca atggcaaaaa ggaaagaatt tgaacataat atttaatttt 300
 taaaaaaatt cagcctgact ccgaccctga agatttcaga aagaacatcc gtcactatta 360
 aaatggatgg acagggccca aatgggggga ttgggtttaan ccagnttttc ccaangttaa 420
 acccaggaat tangccccc g 441

<210> 754
 <211> 427
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N55085

<400> 754
aagttccaaa atagcaaaca taatttttatt ccacttttgt taaagaatgt acataaatat 60
agaaaacacc attaatgggtg gttagattaa agggagtaag gacttgcaat acatactttc 120
ttcttttatac ttttattttcc taaacttttc ggcaataagc atgagttact cttctaaaca 180
aacaataaaa ccaacaaaat acatgaacct agtgtatgaa tagcaatatt ccaattagaa 240
aataataaat tttatgaatt acctaatacag gactgtttgt tatggatgga aaatttccac 300
caaaactgca gaaccagaaa ggcaacacta ctatttataaa cactaaaagg tggatgagga 360
gaaacaaaat ctgctctatg cattatacct tggatgattg acaagagaga atataaatat 420
attatttc 427

<210> 755
<211> 400
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N55502

<400> 755
ctgtgaataa aactttttaat aatgtacagc agaaattgga caggctcatt cttatattaa 60
aacaaaagat ttcctatatt acaattttatt tacatttgca tactgaagag gtaaagtgtc 120
taagtggcta ttttacagtc ctttctaata aaatgtacaa aaacaaacag aagtaccgag 180
aatgccgttc gggggccttt atggcgacgt aagaacgggc ttggacttgg tctgtgaatc 240
cagaatccag aggtgcaggt agcactactg gatcaggggt agcctcgggg ggccaaaaac 300
acggcttcag tttctcccca actctcactt agtggttaaga gtggcagagg tgggtgtggg 360
agcttcccaa agacctgctc catcttcccc agaggtggaa 400

<210> 756
<211> 430
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N57577

<400> 756
ttccctcagg tgggttaaagg ccaccaaaaca aatactgggc aacaggggtt tgttgggaga 60
gttagaataa aaaaattaac caaattttgt ccctgtgtta attcaatgcc agcaaggagg 120
caagtactga agaagaaaag ggacaatttt cactactaaa aagaattcct ctaatcatgt 180
caccatctca tataatgaat ccagggaatc ccagaaatag aaaattagtt tcaggggacc 240
cctgaggcac tttaaagcct tttaaaaaat tacagtaata ataaattaga tattgtctct 300
cagaggctaa cagagcagca gaagcatcaa gatcagggtc aaagagttat gccacattt 360
acaggcttcc tggagctgct cagccctctt ttaaagctta gttgaatcct ttaaaatacc 420
ctttaaaaag 430

<210> 757
<211> 369
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N58172

<400> 757
cctgaccgta ctctcctcaaaa tccagattgt ttgtgcatac atttataaaaa aaaatcaatg 60
gaaattttcca cctttgttcg aacacataaa gtatgccatg agcaatataa catcacaaac 120
gtactgtgac aaaccattaa taaagaagga ttactaagcc aggtgtggtg gtgcatgcct 180
gtagcccgag tatgcaggag gctgaggcag gaggatcact tgagcccggg agtttgagtc 240
caccctgggt aacacaccaa ggactccatc tctaaaaaat taaaattaaa aggattactg 300
aaagatctca tttctaaaaa aagaaaaaag aaaaagatca ctggaagtcc agacatgata 360
tttttaatt 369

<210> 758
 <211> 445
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N59532

<400> 758
 ggcaagtaag aaggaagttt aatttttttt tcaggattca gtggagtcca ttaatgcata 60
 ccaggggcaa agatcagccc agggtaaggc aagtctggga ggaagcccac cctgccctac 120
 agcagccctg gaactcagaa taggtggtga gtctgccatg gtttgctact gggcagcaca 180
 ctagaccaac ttgggaatgt ggaagagtga gtctatgttc cctcagccat cccaagttt 240
 acacacaggc atagcagccc tactgtgagt cagcaatcat tcctgacttg cagtaaggac 300
 aatttgcatt tacggaaagc aaactggagg gggtagccta agtccgcact gcccatgtta 360
 ttaccctttg caatgtgaaa aaccatggtg aggtagggtg ggcagggttt atcctctcca 420
 caaaggtgag cctttgctcc acagc 445

<210> 759
 <211> 473
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N59831

<220>
 <221> unsure
 <222> (1)..(473)
 <223> n = a or c or g or t

<400> 759
 acctataaat atatttttatt catacttttta aatatttttac aattcaaata aaaaccttat 60
 atgtagacaa tctgggctaa atttccatgt atgttttgaa aaataatgtt agcatgaata 120
 gattcatatt taaatatgat tttaaatact cttaatagag gagacataag aaatatttac 180
 ataaaagcta agtagcatga tacagctcat ggttattttc ctcataggaa aacaattact 240
 tgattttttt tttttgcata ggattaagac tgagtatctt ttctacattc ttttaacttt 300
 ctaaggggca cttctcaaaa cacagaccag gtagcaaatc tccactggcn ctaaggntct 360
 caccaccact tttctcacac cnaagcaata ggtaggnatc caggncccac cttctgaggg 420
 nccggaagga atgggttccg gaaaataatg gnttttaaaa nattaccatt aag 473

<210> 760
 <211> 452
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N59862

<400> 760
 tgccctggcca catttgcttt attataaaga tattacaaag gactcagttg aagagatgca 60
 taggacaagg tatgggggaa agggtgcaaa gctttaatgc cttgcctggg tgtgccatcc 120
 tccaggaacc tccatacgtt cacatatcca aactcagtc tcttggtttt gtagggaggc 180
 ttcaagatga cagcattcct ttccgcagag tataaggacag aaccctctct gaaatggggg 240
 tcttaggact cacagaaagg taggggaaga tcaagagtcc cgtcttagtg aaggtaaaag 300
 ggcagaagtg aagtgcgttt cctgtggcct aacacacaca acatgactat aacaagggct 360
 atagaagtta tgaacgagga actgtgggca aagatccgta aaaccagagt gactaaggca 420
 gtttacctaa aattatgcgt gaaaccattc tc 452

<210> 761
 <211> 441

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N59866

<400> 761
gtttttttttt tttttttaat acaaaattta ttttatttct atgtactaac aatgaacaat 60
gggagggtatt tacaattaca gtcaaaacca taaaacactt agaattttac aaacttcaag 120
acctacacac tgaaaactat aaaacatttc cgagaagtca aagactaaat aaatggaaga 180
tgatactatg ttcatcaatt agagtactta atatgttatt aattctcact aaattgattt 240
atagattcca tacaatcctg ctcaaaatcc cagcaggctt tattctgggg aaatattgac 300
aacctaattc caaatgttat agggaaatgc aaaggaccta gaacagccaa aacaacttga 360
taaaaggaca aaattgaaat ccttaattt gactoccata tttccaacaa atctacagta 420
attaagacaa tggatatagg g 441

<210> 762
<211> 419
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N63047

<220>
<221> unsure
<222> (1)..(419)
<223> n = a or c or g or t

<400> 762
nttatttttaa ataaatattt taattctatt gttgacattt acaagtagaa agcatacagt 60
atgttacaaa tatcaaaatg agaaaaatat gaatgttaca taagtaacaa atataaaaaa 120
agtatttttct taccttcctt gaaagtaaga aaactattca gcataggaaa atatcagtat 180
caaaaacaca gcttaggtgt aaaaaaagtt ttacacagt atttaaaaaa aatgatctac 240
aaaatgacaa agtaagtgtt gaaatctgat ttcataataa ttataaaaac tgggtactta 300
gagtaaattgt tatctgggtg gaaaataagt ccaatcataa gctttcctta ggtcaattct 360
ttaaataatt aaaagcatat cgaaaaattt tccaataaat aaccttnaag aggggttcc 419

<210> 763
<211> 189
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N63536

<220>
<221> unsure
<222> (1)..(189)
<223> n = a or c or g or t

<400> 763
nagcaagcaa aaaactacct ttatatatga tgttattcaa atacatggat aagataacac 60
attttatgat gtaaaaagta atatttaaaa attaaaaggc aagtctttct ggtattcaga 120
agtctgaagc aaccactgtc cagctcttta aaaagagcac attccattct ggtggcacac 180
aatgtaca 189

<210> 764
<211> 523
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N64683

<220>
<221> unsure
<222> (1)..(523)
<223> n = a or c or g or t

<400> 764
acaacttttt taatatatat ttttataaac aggtcacgtg ataaaatagc acaagaaaca 60
cttaccaaata ataaggttat atcttccgca tatacaggag aatgagggtcg ttatgtacaa 120
taagaaaatg atttttagggg ttgggttggtt ttgttttcct ctctcccctt aatttttcct 180
cctacagtcg ttggaaatat cacagcttca gttgcattaa tactttgggc aaatggacag 240
ctgcccctcc ccactagggg tctgtgggga ggaggggctg gagaaaactgg ctcctgacca 300
ctcagccctg gagcttcctg gggctggcac tccagggaca ggaaaatctt tgggctgttg 360
atctgtttct gattcaacag catctctctc tctctttnc cttctctctn cagtctcatt 420
ctctctctca ctctctggct ctctgggaaa cgggtactct cttccaacca gataggagtg 480
gtcccaagat tgggtgtggg gcgcgggtatc tcttggggnc ttt 523

<210> 765
<211> 483
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N66001

<400> 765
gagcaattat tgaaagtagt gatataatta agagttatgt gtaggtgaat ggggagattc 60
atttgccttt gactataaga agaagattat tacaacattt ataagggtca ttacaagtcc 120
tagaaaaatta taaagtgaga agaattcttt gtgagtagct cccaatctct ccctatctgc 180
ccaagtagta gcataatatg tacatggaag tactactttt taaacaaaat tattccttct 240
ctctttccat ctccaccttc aaaattaaat tgttcattcc tgtctttgga gaaagaatct 300
gataaattaa ttacactag aggttttgat gaccaattct gatatacata ttattcctac 360
caggctttat ttacatcaca aaagtttttg ttcagagctt aggatacata aacataaata 420
aattatgaaa tttttattta aacattccag gtaaagagtg ttttttagcag aaagagcctc 480
ccc 483

<210> 766
<211> 412
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N66053

<400> 766
cagcattatt aacaaattta ttgaacaact agaacttgac aagcacatgc caggtagagg 60
ggatacagtg gagagcaata ataatgatga taatgaggag tagtttttcc ctagcaggca 120
gcagttgaaa ggaatatggg tttaacatcc accaatgagc aggggtggat agaccctct 180
cctggagaca gagtcataa cgggattaaa aatatccctg taagccgggc acccggtggc 240
tcaagcctgt aatcccagca ctttgggaga ccgaggtggg tggatcatga ggtcaagaga 300
tcgagaccat cctggccaac atagtgaacc ctcactctgta ctaaaagtac aaaaatttgt 360
tgggtgtggt ggcttgcacc tatatttccc agtactcggg aggctgaggc aa 412

<210> 767
<211> 401
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N66802

<220>
 <221> unsure
 <222> (1)..(401)
 <223> n = a or c or g or t

<400> 767
 tttttttttca ggccaaacta aagctttatg ctataaaaac aagaaataaa ataaggagat 60
 ttataggccg gctgattgtc agcaaacaca atatatttac tgtattagca tttgctcaca 120
 gtgcaaattg tacaacatta caccatttca atatttcggt ttttaaaaat gctgttttca 180
 ttaactatat tatattggca ttacaatatg acaaaggagc aaatgaaatg ttggtgaaga 240
 atttcacctt ttcacaatat caagcatatt tttttaacct tagtataagg tactataaat 300
 ccaagaaata aaaacatcca caaaatatat tacatctngg tttgtctttt ttctaagtac 360
 tcaactttat acaaaaagtct ttcaaaaaat atcatttccc c 401

<210> 768
 <211> 451
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N67041

<400> 768
 aacattttcat ggaaaacttt ttattggttt tctggataga aacaggaatt tatttgccag 60
 gaagaatgat cccatcatatc ttcagctaga accagtgatg aggatgattc agtcttaaaa 120
 aagaaggaaa tccagtcata agctacagca tgtatgaatg ttaagtgaatg tacgccagtc 180
 acaaaagaca aatactgtgt aggtatccaa agtaatcaaa ctcatagaaa cagaaagtag 240
 aatacttgtc gccaggggtt gcaaggacca ggaaatggag agctgttatt caatgggtat 300
 agtttcagtc aagtaaaaata aaagaagtgt tacaacaatg tataatatgt taacaatact 360
 gtattgtaca gttaaaaatt aagataaact tggatactta tttttaatgg acaattttta 420
 aaaatagggtg tgggtaacaa tttccaatgg g 451

<210> 769
 <211> 489
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N67108

<400> 769
 ttcgtgtgta aaataaactt tattcgctcag aggttttctaa acgctcatcc ttcaaggaaa 60
 acggacatat gctgaagagc tgataaacag tctacagcag tgtttttcta acttaattctt 120
 gattacaagt ccttgccatt ttccctccagc tgctgttgac tccagttata tataggttgg 180
 gggaaagggg attatctatg gatgtaggca tcaactgtctc ttgggcagtt atcacatttg 240
 caggctgaag ggatgtgatt tttataatca aactatccat ttggaatata aatctggagt 300
 ggctgtaaaaa tttgcttctc ggagatggag ctttcaaatt tgggactttc aattgttctg 360
 ttgttttagt tgttctcgtc aactggggaa ctgtttgtga ctaagctttg ttaaaagtag 420
 agaagagctt ttcatagttc caacatcagt tgttacctgg aaacaaacaa aaacacacac 480
 acatatact 489

<210> 770
 <211> 341
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N67324

<400> 770
 acagttcact gccttttcaaa gtgttttattc agaattatac tagaagtaat ttcatgaaaa 60

```

taatattgtg caaccttttc attctatttc aatgaaaagc aggcattgaac attactcaag 120
cttgaaatth tactgaaaag taaacatttc aattaagctt aaggaaaaaa gaaatttcct 180
gagattttcca gtgtatacag aagtgtcttt ccattaataa taattaaaag ttaaaaaata 240
tgctgataac ttgccacaat tgacagaatg cagattaata ggataaatgg caaacaatc 300
tataaaaatg catgcagaga atcagagtga tcacccccacc a 341

```

<210> 771
 <211> 231
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N67575

```

<400> 771
tctattttaga tcggattttta ttttgcaata tttattatat attcaattca aatgtactca 60
ctattgtgct aggcaattga aagtaaaaag tataaagctg cattttgctg tctcagtgag 120
gtttaagtca gggaaatgag gcatgcacac aaaataacga gaaagtagta taatagctgt 180
gatcattagt tatcaaaata agtgaatgag ctaataatca ttgttagaat a 231

```

<210> 772
 <211> 334
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N67815

<220>
 <221> unsure
 <222> (1)..(334)
 <223> n = a or c or g or t

```

<400> 772
tttttttttt tggtaaagac ttttaagaga aagaagtatt ttaaaaagta gcagtgtctt 60
gaggctcagg gtgtaggatc gggggcacag ctggtccccg gaggccccct gtgcacaggt 120
ggtggccccag ggcnaagtgc tcgctcttgg gggacgcgcg gccgggggac ngccatcgtn 180
tccggccccg ggctcccggc gggctccggc ggcagggaca atggcgaggc cgctcaccac 240
ttnaggaana ccatcccggc caggacggtn tagcccagca ccaggaagag gaccttnagc 300
anacgggtcac tcttctcctc canctccttg gcc 334

```

<210> 773
 <211> 478
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N67876

<220>
 <221> unsure
 <222> (1)..(478)
 <223> n = a or c or g or t

```

<400> 773
agtcaagtag tttcttaaag aaacaatagc accacattgg catagctggg ccaaacaata 60
aatgggaaag caaaatgtgc tacatctttt attctaagcc ttctcccaag tgcataaaat 120
agtaacagaa accctggagc cacagagcat gagatcggtt tcatctacac aaacattgac 180
gttccaagga gaggaaggat tctcaagggt ggacaggctt tttgtttgtt tgtttgtttt 240
ttaataaaaat tttcaaggaa gtgatttctt ttcagtattc cattggatcc ttagggtgaa 300
tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tctgtgtatg taggggtggg 360
gttaagagat tttcatatcc ctaagaaaga gtggattcng atggagagct gcattaactt 420

```

tttcaggggga actgcctcat cttaaaaagt ncaaattctcg tgccgaattc ctgcagcc 478

<210> 774

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N67899

<220>

<221> unsure

<222> (1)..(386)

<223> n = a or c or g or t

<400> 774

```
ttatccacaa cggcatctgt cactgtatca tttataaaaa caaggaaaaa caacaacaaa 60
aagcaaacca acccccacca aaataaatga caacaaagaa aaacaaccaa agggcactgg 120
gggatacatg atgaaacctt catacaaaaag agatactagg tagcttttga ttaggaaaaa 180
tacataataa catggtaaga caaacatgaa atagcgggaat cagatttcaa agtagtatgt 240
ttgtagtttt acatacataa aagggtgcaca caaagtgaaa attcgtccaa aaccagcaa 300
ttcccttgg gagttnggtt gggtaaggag taaggatgtg attttgcatt ctgtttgtaa 360
ttccccattt tctccaatgg gaattg 386
```

<210> 775

<211> 415

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N68350

<400> 775

```
accggctaaa agctttaatc cagagcctgc cctactctga tagtaccaga gtggagggca 60
gaataccaaa tgtccaggaa ccaaaggcag ggctgtgggg acctgaagag cagcacagt 120
gggcccgtgc tgctgtgggg gaaactgagg ctgggagctc agcagagacc ggtgtcaaga 180
gtctctggga actgcatagg cctgaggaac atgcattttc aagttgtcca ttgatggttt 240
cgtacctgaa tttctcacct tttgtgaaca ccttgggagg gtgggggttt tgcaggggtg 300
ttaaaagcaa ggcttgggag cccctttcct ccagctgggtg gctccttctc agggcctggc 360
ctcattcagg ccactttgta gagaaatgcc ctgacctgcg aggaaggatt tcccc 415
```

<210> 776

<211> 285

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N69207

<400> 776

```
tttctttatt atacttttat tgtttgttta attcattttt gtctgttaca aataaatttc 60
aaactagaga gtcacagatg ttaataaact cgcccaatgc atcacctgcc tccgaattcc 120
atagtttcca ctgccttgcg ctacttgcat tctgattaga gaatggtaat gtgtgcctct 180
ctgaatcaag ttcaagaata aatgccctat cctggctaac acggtgaaac cccgtctcta 240
ctaaaaatac aaaaaattag ccgggcgacg atggcgggcg cctgc 285
```

<210> 777

<211> 293

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N69222

<220>

<221> unsure

<222> (1)..(284)

<223> n = a or c or g or t

<400> 777

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ttttatgagc aagcgtgggt tatttcataa atgcaagggt agcttaacat tgaaaactta 60
atctaattta taattatgta aatgaaagaa taaaaataat atgacacgt taatatttac 120
agaaactgca ttttaataaaa ttcaacattc attcatgatt taaacaataa aagaaaactc 180
ttaacaaata agaatagaag anaccttcaa cagtctgact ttaaaaagag aaagccccag 240
aaagcctatg naaacatttt acttaatggg aagataaagt ttttttctaa aaa 293

```

<210> 778

<211> 320

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N72253

<220>

<221> unsure

<222> (1)..(320)

<223> n = a or c or g or t

<400> 778

```

cctttttctt aaggaatcca ttcatgttgg aagcccagat tccctaacat atgcactagt 60
gggtggctct ggaagtaac agtcaccaga gtctggaagt tcttcgcttg aactttgagt 120
agccactggg actattggaa gccagatggc canggtattg gnaaatgggc aaggggaaat 180
cccaagctgg gctcaagagc cgtggggttag ggaagaagaa ggtcaagtgg actggtaaaa 240
attctacttc aactgccctt attcatagat acaactttcc taacagtctc actctccacc 300
agtcccatat ccacaacca 320

```

<210> 779

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N74291

<220>

<221> unsure

<222> (1)..(465)

<223> n = a or c or g or t

<400> 779

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agagaataaaa acttggattt attcagaccg tatgcttccc atttgggggtg cagagtgggg 60
gacagtcatg gggacagaga aaggcagtcg atttggcttc tagggacatg ctgattgctg 120
actctttggg tgacctttgg gccaccagat gaccagctga atgatggaga tggatgatgaa 180
ggggctggcg gccaggctct tctggagacc tcacagtgat tccaaacaga gaccaacgct 240
gtgtccagtt ggctctgttc ctctccaggg attaaggagc agatggctgg gaacactcag 300
actaattaaa gaaataaaaa ctctgggtag agggacactc tggggggctc caattcaggc 360
agtgggtgtg aaattcacac atgtcgatgc gtggggcagg cccgtgtgaa aaacatgtgt 420
gtgtcngtat atattacatc ctccacaagc anctggggagc cccca 465

```

<210> 780

<211> 212

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N75870

<400> 780

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tcagcactga tggaaaatac cagtgttggg ttttttttta gttgcccaaca gttgtatgtt 60
tgctgattat ttatgacctg aactgattat ttatgacctg aaataatata tttcttcttc 120
taagaagaca ttttgttaca taaggatgac ttttttatac aatggaataa attatggcat 180
ttctattgaa aaaaaaaaaa aaaaaaaaaa aa 212
```

<210> 781

<211> 229

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N75960

<400> 781

```
ttaaattaat agatcaaaaag ctgctcgcac tacagagaca accaatagta tgaaaaaacc 60
agcatgctat caccaaaatc caaactaaga aaaactctac aaggtaaaca acacaacttc 120
ttcaacaaat atattgtaag agggcagaga gatgctgatg aaccaatagg tgagtgaacc 180
ccaaacctgc agcttcagat cacctgggaa tttggtagag atgcaattt 229
```

<210> 782

<211> 440

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N78630

<220>

<221> unsure

<222> (1)..(440)

<223> n = a or c or g or t

<400> 782

```
gtttattaaa ccagatttat tctccacaag ctgaagatac ctgagggttac atgaggactg 60
gcattaaata atttataaat gtatttttga ctgacagact tttatcataa ggattcatgt 120
gtttacaaaa gcaaaatcca acctctccag agctagaaag tgggaagggtg cccgggctgc 180
aacacagcct tggggggagga tgaggccaca taattctctc tgcccacact ctcagaatgc 240
cccaagaagt tagtagctac acaaagccaa gccttggggg aaaacctggt ccgtgggtgtg 300
gactctccaa aatgcagacc caaccggang cggggcccgc ctttccatct ggaggcactg 360
cagggcttct gaaagcggcc catcccagga gcctggcaaa cacccccaga gaccctcagg 420
atgcgcagcc ccggggcctt 440
```

<210> 783

<211> 144

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N79070

<400> 783

```
catttcttat aaatttatta cataataata ttataataat tattatcaat aataataata 60
taagaaacat agatctctgt ggggcgtatc acaacgtcag ggtcaggagg cctcaggact 120
ggagcagggg gtgaaacccc ggga 144
```

<210> 784

<211> 446

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N79778

<400> 784
atggttagaaa attttaatat atgatttttg tagggccaat acatagtaaa gacatagctt 60
tatttcaatt gaaccgaata aaatgatgta tttcagtaaa ttaaggcaaa ggagatagat 120
gctatgacca gtggtgcaaa atttttcaaa aattttataca ttagattttac ctttacaagg 180
ttatagtcaa gaataattaa tttgtatttt aagcaaactc tactgctttt caaaaaatgt 240
cttaatcttg agtgaggaat agtgaaggta atcttaatat actgtttaac tttaaaaaat 300
aattttagaa ttatagaaaa gtttcaaaaa gagtatagaa tttatgcaca cccttctgcc 360
agctttcctt aatgttaaca atgtacataa ccataatatg attttccaaa accaggaaat 420
taacattaca gtagtgtttt aatttt 446

<210> 785
<211> 409
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N80129

<220>
<221> unsure
<222> (1)..(409)
<223> n = a or c or g or t

<400> 785
agtctagatg aattttattgc cattcacata ttcatagaa aaaaagatgt agcaaacggg 60
tcaggggttg acaaaaaaaaa aaaaaaatcc aggtttatat aggttgctct atttacatct 120
gagagcacag ctgtcctggc atcaggcaca gcagctgcac ttgtctgacg tccctttgca 180
gatgcagccc tgggcacact tggcacagcc cacaggnang canggagcag cagctcttct 240
tgcaggaggt gcatttgacac tctttgcatt tgcaggagcc ggcacaggca caggagccaa 300
cagggcagangc aggagcagtt ggggtccatt tgcaggcaag gagaagcagg agttcccgat 360
tcaagaggaa aacacgcagc gggacagatt ctctgtgccga attcttggc 409

<210> 786
<211> 406
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N80152

<400> 786
acctctgtca atgattcttt tgagaaaagc acccataatt tgctacttga ggattttatt 60
ccctggattc tctggatgct cattgcatga aaagtggaaa agtttagatc tatggaaaca 120
gaactgttgc ctatategga aaatcagtg cttgtggaat acaggtaaga acagtgttgc 180
tcttgaaaaa gtggacagtg ggtggtctga atgtgtcctg gtccctggag tgggttttta 240
gattgatgtg gactcttctt agacttgtaa gtaaaaaagt tgtttcttcc cctaaaaggg 300
aactcgtgcy ccttagacct gggaatttgc tgggaaactg aaacattctg tagactttac 360
ttgtttccaa ctgtatcgca gcaagaagtc tatgtgcccc aggatc 406

<210> 787
<211> 219
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N80693

<400> 787
cacggtctgt acagtttata cacagagata gggacccggc ctgggcccga acccctacaa 60
atatagatcc tctctacaaa atagagataa tttagccccc ccatagcagc tggtgggggg 120
ggaaggggag ggcacaggag gaagggggag actccagctc ctgccacccc tcacgggtaa 180
cagagggcag gggcagggcc ggcggggaca tgaaggcac 219

<210> 788
<211> 204
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N89827

<400> 788
aatgctctaa gttattttta tttgctagaa gactgatttt tggtaaggag cagcatctaa 60
taccttgcag aagtacttaa gaataggaga caaattccac tgataattag catttcaagt 120
gtgataatca gttgaagtat tttttccacc acagtaaaac atacaagtga agtgcaagag 180
aaaagggtcat atggattata tttt 204

<210> 789
<211> 508
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N91461

<220>
<221> unsure
<222> (1)..(508)
<223> n = a or c or g or t

<400> 789
ctttacattg tctaataagac ttgtttatta ttttaagctg gtaaaaagag acttatgatt 60
catgttgaag aaagagttat ttgtgcttga tacattgaag aactgttca aaagcagttt 120
gtccttataa aaggatgacc cctgtagtat ttcttaggca aggagggaca aattcaacca 180
acgaaaagca catctcgccc cgagttcccc atgatttctc cacatatagc aaaaaaatat 240
acatcagtaa tttatttgaa catgcacatc agtgagtagg cancagttct ncggcggcta 300
ctcaagacaa caanngggag aatatcagca ttacctaaat aaaaaagaga ggtgaatcac 360
accattttta ttgtctttaa aacacggata agaagagcaa ttaaaatata gtcctaaaca 420
gtactagcta atgtagatta cntaagtata ccatatgatt ccactaatag tgctctgaca 480
agcataaccn ccagttctag ttaaccag 508

<210> 790
<211> 154
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. N91887

<220>
<221> unsure
<222> (1)..(154)
<223> n = a or c or g or t

<400> 790
atatttatta ttttattgct acattggaag tgaaaataaa ctgtaagaag ctgccaaagg 60
atgcaacttc atgaagatta tgaaactatt gaggcaccca ttgtagaaaag ttaaaattgg 120
cttatcctgc atgaggtgga agcnaaggcc tccc 154

<210> 791
 <211> 169
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N91971

<400> 791
 gttttgaaca cagatcactt tattggcatg gctttgtttt aagaaaagga aaagtgacaa 60
 agccaagaga cagactctgc taacagatgc ctgggggtgg ctggacattt ttgcctcatg 120
 ctgtgcaaag agggggatcc tggccacac atcctgctga ttccttggg 169

<210> 792
 <211> 139
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N91973

<400> 792
 tttttttttt tttttttttt atggggcagc ggggggtcttt attcgtcaga ttttccttct 60
 tggcctactc cccaggtgtg gccagggata gtccatacag tgtggctact gcaaggctcag 120
 gatggccagc agaccagt 139

<210> 793
 <211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N92239

<220>
 <221> unsure
 <222> (1)..(395)
 <223> n = a or c or g or t

<400> 793
 tcagaaaact aaagcagcac ctttatttta tacatacaaa cagtataaaa tgtttattag 60
 gtaagagctg tgttttggtt acaatatatt atattgcttc aagccaatgc aaaaagttca 120
 tacattatat tccctatttc attgtgttta gaatatatta tattgtttta atgccantac 180
 cacagtgtaa tttttttttt ttttaatactg aatctctgga ataatggtaa ggtcaaaata 240
 tattgtattg agagttttaa aattaagagc aattttttaa aatgtaacaa acatctaaat 300
 atctgacaat aaaatctgaa atgctgtaac ttcaacatta actgcaccat ccaaattctt 360
 gtgacttacg cattttgccc catttaacct ttctg 395

<210> 794
 <211> 510
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. N92502

<220>
 <221> unsure
 <222> (1)..(510)
 <223> n = a or c or g or t

```
<400> 794
tttttttatac aaacaagttt cttttattgt ttccacacat tcataataac tatagaacag 60
aaagattgtt ttaatttgct gtcctacttc ggtgacctga tgaatacact ggtaacagtc 120
cccagtttga gtaagatcag ttgaagccct tactgtataa gtccaaaatt taagaaaaat 180
gaatctcacg atgagcttcc tcaggcttcg gccgtgcgtg gaccagtcag cttccgggtg 240
tgactggagc agggcttgtc gtcttcttca gggctactct gaaaggggtg tctgggcttg 300
gtcttgcttc ccaggtttca cgcgctgcag gttttacatg gctgtggtgg atccaggctg 360
ggattccttc tacttcacag cgggtgggagg gctcagaacg acagctgggg tctttccaca 420
gtggacacaa agaggtacgt tccagttctt gatcaaatng atcactgggg agaaaagggtg 480
aactggggag aataantaac aggccattta 510
```

```
<210> 795
<211> 253
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. N93495
```

```
<400> 795
ttttttttttt ttttgaaagt tagggctctt tattggggga tgtcagcaga gaacgtggga 60
catgaaaaaca agtcttagga gtttgagaag gggctcccag gacaggctcc tctgctttaa 120
ggagcctgtc ctggagaaat taagcagggc cccagtatgt gcagaagttg tcaggggggtg 180
cccaggggta tgggtgaagga gaggtagtcc ccaagggcac cccagcggcc cggtagatct 240
ggaagatggt gat 253
```

```
<210> 796
<211> 270
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No.. N93798
```

```
<220>
<221> unsure
<222> (1)..(270)
<223> n = a or c or g or t
```

```
<400> 796
cacggctcct gttttattgc cttcgggtgt cgggagcacc tgactgcccc ggggtctaat 60
aatttaaggt gccgagaaca ggtcaggaca aggggtcgca aaanaggggc tgggggcagn 120
tggttacaaa atatacccc accccacaac aaacaggcta gaggagacca gcctggctgt 180
gtcggggangg ggcgggcaga gggcgcccgga ccagccttca gagagacaga gccacggcca 240
gcgccccaga gggagtggcg gagacaggac 270
```

```
<210> 797
<211> 399
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. N94303
```

```
<220>
<221> unsure
<222> (1)..(399)
<223> n = a or c or g or t
```

```
<400> 797
tttttttagca agacaagggt tttttattga ggtctcagga attgcaattt gggagacaga 60
ttcagctaga agccacttgt gttctgaaga gagagggtag aggaggggtt tttaaaaaaa 120
```

```

gctgaggggtg attagacaag ttgacaagtt gttttgaaag aggcaactgg cttagtacaa 180
aaatccatag tttattgggtt ggtgctgttg aggagttgta gtgctggtga aataaaattt 240
tccaggatgc agtgggtcatc gcaatttggc ccaattcaaa gggtcaaggt aagctcctgt 300
attgtttttt tttttggagc ttttaatttt ttttcaagtt gcagggtcatg tagggagtcc 360
nttttaagaa tggcttcctc cctccaattt agagttcct 399

```

<210> 798

<211> 508

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N94424

<220>

<221> unsure

<222> (1)..(508)

<223> n = a or c or g or t

<400> 798

```

tttttttttt ttattatttta gaaatgtaaa catttatttta aaagtaggta gcaagttaaa 60
aatgaataact tgcctgaaat cataaaacat aatcaagttc tttttaaaac agttaatttt 120
tttctataaa tttacttttca tcgaaagtat attatctttg tttaacatgc tagatagaag 180
caatttagca acataaaata tattagctat agtatgttca aaagaatgag aaatataaat 240
tcagagatga gaccatcatt ttttgcagtt aaaaaaaaaa atgttgattc tggtgcaaca 300
tacactgatt atccaggttt tacatttttag ggctgaaacc ctgaggaacc tgctggtgac 360
tgtttagcac tngagcagag ttcagtgtgg catgcgcttc ccagaggttaa aagcnaaagc 420
agactggaga aacnaaaaaac ccacatcctt ggcatttcng aggttttcac ctggtaatcn 480
tagggtttcc ccaattttatt agaattgtt 508

```

<210> 799

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N95495

<220>

<221> unsure

<222> (1)..(462)

<223> n = a or c or g or t

<400> 799

```

tttttgccaa acattagagt ttgttttatt gcatgacgtt tgcataagaa aaaaagttat 60
tgaaaactgt aaggcatcat gcaatcattg aataagctaa ttattaactg tacacttaag 120
ataggtggac atataatcta aaattttaaa actagttcca gaaaagtaca taaaaaattt 180
aacatgatga gcttttaaat atggtttata gtttcatgtt gttaaaaagt gcttcaaagt 240
tactgctgga aagttgctct ttacaaatgg cgctgggggtg atgtcagatt ataaactgta 300
aaaaccaagt acttttatgg aattagaaag ctaacattgt gatccccaac ttcttgaacc 360
agttttcaat ccccatccta attagttga ttaatattaa taactaaaaa cactggttta 420
tcccccaaaa ggcttggtatc cagtagnctg tggccaccaaa tc 462

```

<210> 800

<211> 197

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. N98485

<400> 800

```

tttttttttt tttttgttat atacatttta ttgaaaaaaa atttttacaac aaaatatttt 60
ggcaaaactgt aaaagtatac ataagtgcaa atatatcctc ctttttaaaat acaagcaaag 120
tgtgagtata cacggtcata aaaatatctt taaaatatgg tggtagaaaa caaccttgta 180
aaaacgttgt attgtcc 197

```

```

<210> 801
<211> 340
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R00144

```

```

<220>
<221> unsure
<222> (1)..(340)
<223> n = a or c or g or t

```

```

<400> 801
tctaaaatat aattgtttat cccaatgtca ctccaccag gctgcagtga tggcnaaatc 60
actgtaacct cgaacacctg gcttcaagca agcctcccc aagcttcca cactgttggg 120
attgcaggca tgagccacta ttgtctgagc agtggtctt cctgcaggct ggcttacct 180
ctgcatccca cccatcctgc aggtgaggct gaccatgcc ctaggggtcca agagtcaagg 240
gtaatgaaca caccatcac ctntcaaaag tgacggctct gtcctcatca atatgaggga 300
ntttcctcan ttcctggcat aatcagctca ggggacacaa 340

```

```

<210> 802
<211> 264
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R00440

```

```

<220>
<221> unsure
<222> (1)..(264)
<223> n = a or c or g or t

```

```

<400> 802
tttnantgan cacaagtaat atgtttattt ttaaaagtaa cttactatct atcttgtctt 60
tttcgtatca gaaaagggtg tgtaggaaa agaaaacgaa agtacaccac caagttaaag 120
aaaggggaagc ttgggggtaca gattcagctg cctcacgaag actgagctgg acgggcgtgg 180
agaagggtgct tgtctgtcaa ggacgtcccc gtaaggagcg gtggctgcag cagctgctcg 240
ctgggctgtg gccgggggca ggct 264

```

```

<210> 803
<211> 417
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. R01257

```

```

<220>
<221> unsure
<222> (1)..(417)
<223> n = a or c or g or t

```

```

<400> 803
aactattctt gttttatatt ttattatact ggaacagctc gtgtcctctg tctcttgctt 60
cgggtgcctgg gtggcttgcg cccacnatct cccccctttt tattaactag aatcgccatc 120

```


gccatcattg cttgttgttg acttcggact tggtttcgga ctccttagag gcacctgcag 180
actaaaagga gacaacataa gcataccaat attaataatg ccagtaacaa caatgaccc 240
ctgacgggtt tgagccattt gaagggatta aaatcagggt aattgttttag ttatgccttc 300
aaaaatgtgt gagccaggga actgtgggat aaatggggct tgtgaagcct ccaaagattt 360
gctctttaag gttgtggaaa tatcccaagg gttaagggtta tcatcccngg ggttttt 417

<210> 804

<211> 258

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R02003

<220>

<221> unsure

<222> (1)..(258)

<223> n = a or c or g or t

<400> 804

tgantnttca tagggctcgg cgtgggaaca gagcgcagga gtctgggggtg ctccaccggc 60
ggggaggggg cgcgagtcct ctcctggggg gatcgggggg gctaggcagg ggtgggtggcg 120
caagaagggt ctggggagcc ggggggtctg gaggtggagg agtctcagca tcttgtttcc 180
tgtgtcctt cccagcaggt gcaggccctt ctgcctgggg tccccctctg aaggccctcg 240
gtttccccgg cgccaagg 258

<210> 805

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R08720

<220>

<221> unsure

<222> (1)..(408)

<223> n = a or c or g or t

<400> 805

gaaacgtgag aatgaaagt gatgcccggc aatccccgaa gtcagactgt ttttttcagt 60
tccctggagg ctttttgata ctgattcgcg tacacctgtt gtttgaaagc tctcagcggn 120
gacaatgctg acccagagac acgtccttga tatgttttcc agtctggtct tgaactggga 180
aatgatcctc tcgcctcgtc cctgcaaagc atgagccagc tgggagtaca gtgggcgcga 240
tctcgggttc acttgcaacc tccacctcct tgagtttcaa ggcgattttt cccaccttca 300
ggccccctga gtaggggttg gggtttacag ggcgnccacc antaattttt cgggttaant 360
tttttgatt tttttaggtt ggaagacggg ttttcccntg ttttgggc 408

<210> 806

<211> 294

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R08850

<220>

<221> unsure

<222> (1)..(294)

<223> n = a or c or g or t

<400> 806

ttccnaaaanc aggcagttaa tgtgctgaca tagtaacaag gtttgaagga ggaacatctc 60
atgcacgtgc gtggaaaccc aattgtcatg tgtatgaact acaaaaggat ggggaaaaga 120
acacatttcc tcacaacagg antacatgag attagaaaga aaaccggant gaggtagatg 180
catgantgca cagacaaggn tatgtgacag gaagctgggt gacattttgc atctgacata 240
gcagtacacc tagagagccc aaggaantcc acccccaagt taccagaggc aaga 294

<210> 807

<211> 413

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R09379

<220>

<221> unsure

<222> (1)..(413)

<223> n = a or c or g or t

<400> 807

ttggnttgag tttggccttt cctactgcag ccaggtgaga gcttaagatg tcagtcccca 60
atatcttcac agagtgcctt tatgaccagt ttggagaatt acgatggtaa ggggaagagg 120
cagatatgaa gaggaatggt taggggaatt gtcattcata actctgtgct atattacttg 180
aggggctaag aaaaatgtat ggtcagtgaac acacagtagt gtacccttaa atgccttata 240
aaagaccatc catccagtct gcgcttttga ctgtgtgcaa gtatcagtaa taatgctttt 300
gggggggctca gatgaacagc gaacacccaa tcagccaggg gctctgggaa gggaaagctc 360
ccaaaaatga ggaagtcctt tccaacaccc atttttccca ttactgttct cac 413

<210> 808

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R10896

<400> 808

ttaagccatc caagtaaaaa aaaaaatttt aatttaacaa tgaaaaagga acttcaaagg 60
gtttatgcca aaaaacaaac cagtcctctg cagcctaact catttgtttt tgggctgcga 120
ccattgtaga gggcgatcag gcagtagatg gtccctccca cagtcagcgc catggtggtc 180
cggtaaaagca tttggtcagg caggcctcgt ttcaggtaga cgggcacacc atcagctttc 240
tggaaaaact tttgtagctc tggaactttg tttttcccag cataatcata ccctgtggga 300
atcggagggtc agtttagtt 319

<210> 809

<211> 318

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R11526

<220>

<221> unsure

<222> (1)..(318)

<223> n = a or c or g or t

<400> 809

tttantagcg cgaccatttc tttattaaat tatacaaaan ggnnggggag gggggcagct 60
gtgggggctcg gcaanaccn ggccccaccc cggcctggcg ctgtctgaga agaggggatc 120
tgaggggatc ccagggatca ggcaggatag ggatggggca ggacatgagg ctgggggatg 180
cagagggttag gtgggagagg ctaccngaga aggaatgagg ctggtagggg agggagaaag 240

agagcaaaga gagagaggag caattggggg ccagctggag agctcagatg gagcagggtca 300
ggaggtggaa caatggca 318

<210> 810
<211> 362
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R15108

<220>
<221> unsure
<222> (1)..(362)
<223> n = a or c or g or t

<400> 810
tttttttttt tttttttttt ttttaacggta gaaccaangt ttattaatga cagcctttat 60
tacaatcact ctcaagtgtg aaaaataaag ggtgattaat taatatattaa aactcactcg 120
gacttgctgt ttggcctttc agtggatgtg ccaaagggaa gggatcttgc ctgattctga 180
atcaattggc cagatggagt tcaactggaga atgaggcaat caacaaaaaa gacaaatgat 240
gccaactgga gagagctcgt gtcttctcca tgttggaagg acattacaaa atggcaactn 300
tgggtggggg cagagatgaa gtaagacaac cttacagtcg gagtaagatg tgaataccct 360
tt 362

<210> 811
<211> 416
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R16983

<220>
<221> unsure
<222> (1)..(416)
<223> n = a or c or g or t

<400> 811
ttgcagagac aagtgaacat ttatttttgt acctttcttc ctatgtgtat ttcaagtctt 60
tttcaaaaca aggctgagg aatctccaga ttcaattatg tccctgggct ttgtcgacag 120
ctgcaggagt cttaggaggc cttgtacaaa tgctagagtt actcatttac caacattaaa 180
cccagagaata gaagatgcaa caaagcaggt ttccttcttc catgggaaag tgctgatttc 240
agacaagggc agcagccaat gtaggaaaat gctgggaatt tttccttggg aactgggact 300
gtggatgaga ggggtgcttg cccatggaac cataaggcta ctgtcttttc ttttggncct 360
ttccctttcc cagggttttg gaaggnataa aggccgggaa ataaatcttt ctctgg 416

<210> 812
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R17000

<220>
<221> unsure
<222> (1)..(378)
<223> n = a or c or g or t

<400> 812
ttgggggtcgg agtgggtttta ttgggcagca ggggctcang gccggtgggg cgtcaccgat 60

```
acaagtagtc agcctggatn ttggcggcga tctcggcctc ccacttgctc ccgttnttga 120
gcaacttctc cttgtgttac agcagctcct catgggtctc cgtggagaac tcaaagttgg 180
ggccctcgac gatggcatcc acgggacagg cctcctgggg agaagccgca gtagatgcac 240
ttgggtcatg tcgatgtcat agcgggtggt ccnggcggct gccatcagct ctttggctca 300
gccttcgatg ggtgatggcc tggggcnggg caaatggcct tcgcagaatt ttccaggcaa 360
ttcaacgttt ccttcccc 378
```

<210> 813
<211> 351
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R25116

```
<400> 813
ccctgcatgc cttccacatt tttccttttc cctttattca tttctttgac cagtggattt 60
ggtgtaaatc aggatgttca cactctgagt gagtgcact ttgattctaa tagggaagga 120
aatataggaa ttcttttttt tttaattaaa aaattgggca tgtttagtgg ggaagtaggg 180
taagaatagc tgtcaagagt aggaaagaga ccaagcagag aaaatcagaa agggccaagg 240
gatacagggt gttgggggga gggtaaataa gtgtgtgaga ggtctattca atttctgtga 300
ggaggggaaga cgtgattacc cttgaattcc ccgggggcct ttacaggggg c 351
```

<210> 814
<211> 234
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R25410

```
<400> 814
gtggacaaat cttttatttt ctgaagacaa gtgatttgaa gtccagactg aatggcattt 60
aagaattagg aatcctgctg gccatcctgg agtgaattaa actaaattag agtccagaat 120
atgcagcttc tttaagaaaa aattctcttc tgaaatattt tctttccac tgcattaagt 180
agtgttcctc atgagacatc tggaaaacat tgattgttaa aatgtgggtc tggg 234
```

<210> 815
<211> 419
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R28370

<220>
<221> unsure
<222> (1)..(419)
<223> n = a or c or g or t

```
<400> 815
anatggatat tagttcttta ttgagaatca gaaatatttt aaatttacta aattcagagg 60
tagtcatggc ctctcccaa taaactttac agtcttagac aatttggtgca ttttaataaa 120
ttcttagtta tagtattaaa gaaagtggct gggcgcgggg gctcacgcct ggtaatccca 180
ggcacttttg gaggtccagg gcagaggcag ggcagatcat gaggtcagga gatcgagacc 240
atcctgggct aacacggtga aaccccgctc ctactacaaa cacaaaaaaa ttaggccggg 300
cgtgggagac agggcacagg taggtcccgg gtacttcggg gagggctgag gacagggagg 360
aattgctttg aacccgggga ggccaagggt ncagtttnagg cccgagattc acgggnact 419
```

<210> 816
<211> 431
<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R31679

<220>

<221> unsure

<222> (1)..(431)

<223> n = a or c or g or t

<400> 816

```
acttccaaga tnaacatttt tctgtttatt cttagaatgt gaattttttt tttcaactca 60
gggccaagta caaacttttg atttttgaaa ttttttcaac tcagggccaa gtacaatctt 120
ttgatttaaa aatttttttt catgaacaaa ccatcagtag ttattaagga gcccaagaaa 180
taggagatgt gaaagcagga tttctttgtg tttcctttga atgttggtat tttgagtatt 240
atcattatca gggtaggagg gaaggaaagg gtagggctgg ggaaggtagg gtccttatgg 300
atatcttgac tatgggatcc ccaggattta catttcacct ggtcacagng gcacacataa 360
tttaggataa acatgttcaa ggaatggaca taaacagagg ggtaaacaca ggggggcttt 420
acatttgggg g                                     431
```

<210> 817

<211> 443

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R33301

<220>

<221> unsure

<222> (1)..(443)

<223> n = a or c or g or t

<400> 817

```
gcaacattct ttctttaatt tccctttgca aatggaagcc cctgagctgg tgcccacccc 60
caccctacc ccataccctg gggaccccg atgcaaggcc cccacctcaa cctgggtggga 120
aaagaggagc acccctccc tatgatggtc cattaataaaa ttcctagtca ttttaagaaat 180
gaggctggga atgggagaaa ggaactggga agacaaggcc caggtcaggc cagtctgaag 240
atgttggggg tgtgagacc ttgaggaagg gtttgcaagc acatccctaa gntcggggcc 300
agcatggcct gaaaggagg gagagggtga cacacagaca gatagttttg atttccttca 360
aggctcctgc tgcctgggtt gttactttta ggntgctnga catttnacca ccaccaccac 420
caccaccacc accaccacca cca                                     443
```

<210> 818

<211> 247

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R33627

<220>

<221> unsure

<222> (1)..(247)

<223> n = a or c or g or t

<400> 818

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aaaaaaaaact tttgaatcat ttattctttg gttgtctaca nagacactta agtactgtat 60
cgctgtcatg cagcggcctg tggaggccct ggggggtggct gggcctgtgt cctgagccct 120
cagccagatc caggggggtgc ggtgtctggt catgtccact ccaagagcag tagcaccatg 180
tagaaggctg tgagcagggt cccctcggct gagtggcaga tgtaggctca ctgctntgca 240
gccccaa                                     247
```

<210> 819
<211> 282
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R36881

<220>
<221> unsure
<222> (1)..(282)
<223> n = a or c or g or t

<400> 819
tttttttttt nggtgattata cgtttttatta gactcnggga ggggtaaatgg caaggnccttc 60
atcangtggt ccttcaaatt aaaaaaaaaa aatacaaaag ctacgtagaa aacgtcagat 120
cagacgacta aactttcccg actcaggggc aagttcttct tgagcctgcg ctctcgggac 180
gcctgcgagt cggctctccga gtacgggggc ggcgcgggag ggtagtaggc ctcttccctc 240
tcctccttgt ggggtctcct cctctcctcc gacccttct tc 282

<210> 820
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R36969

<220>
<221> unsure
<222> (1)..(428)
<223> n = a or c or g or t

<400> 820
tttttttttt ttcaagttgc tttttccctt tttattaaaa atagactcaa gcactttant 60
gtatcatata aaagtttcat tcgctgggtg cagccacggg aaagactggc cccgtagcac 120
tgatttttcaa cctccctcct agggacttgg gtcccaggag cagtgactgg gcctcagaga 180
aagcccataa agactgctta ctctggaagc agccgactag gggctnttcc gcgagcagct 240
ntccccaccc cacccaatgg caaaagttag atactcgaaa gtgcctcttc agtgccaaga 300
taactaaca agtgggagtg aaatgggaaa accctttgat tattttacta ttttcccagg 360
ggcctggggg ntttttnagtt tttccctgca attcaaagtc cttttttccc ttacaatagg 420
ggggtagg 428

<210> 821
<211> 507
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R37588

<220>
<221> unsure
<222> (1)..(507)
<223> n = a or c or g or t

<400> 821
ttttttttta gaattcaggt agtggttttg tttattatct tagtggtgtc acaagtgata 60
gaaaccccca ngaagtngga angaaagagc tcctgcntg gacctacatt ttgccattcc 120
cctcttgccc tgggntcaga accttgaagc ctttgcttgg cccttgcatg ttaggatatg 180
gccaagaatc agaaactgat gcgtttttcc agcactacct gtgtgctgca ctcatggaag 240

gtgggaagct atacacaggt atccaacttg gttataagac accagttccc acagggctgg 300
 atttctcagc tgtctgggta aaccagtggc acttcaactgc cccaggggtg gctgggtccc 360
 tttctgaatt tctgtctcaa tgtgatataa ttgccaccat tcaggatggc taccacatt 420
 ttggtatgaa caccatgact tctttaaggc aacggggggt tctctnctca gaacagtgcc 480
 cctgnaattt ttcctcctgt gggcttt 507

<210> 822
 <211> 239
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R37774

<220>
 <221> unsure
 <222> (1)..(239)
 <223> n = a or c or g or t

<400> 822
 ttttttttta tgtattttcca aaatcacaaa atgcacaaca ttcattngttt ttaattattgc 60
 aacatggaat attatataca gattaaaacc acgacagcaa aaacactcac acggtaccag 120
 tttcatatca aaacaaaaca cacaagtgtt ttttcaatat taaaacgact gtgataaaaa 180
 catattaata ttttgaacca tgtttacaat agngcaaaat tcatatttta ctaaataac 239

<210> 823
 <211> 237
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R38678

<220>
 <221> unsure
 <222> (1)..(237)
 <223> n = a or c or g or t

<400> 823
 tttttttttt tttttttttt ttttttcng ttggaaattt tttattttacc actgcaaggt 60
 ttttgctcca aagtgtcaca ccagacatat gactacaatg tctcatgcat ctttttgtgc 120
 ttttagttcat gactgcaaaa cacacactta gcatttgaca acaggaaaca cagagggcag 180
 aaacaaatca caaggactag ttggttttagg ttacagccac attttccccg gggctcc 237

<210> 824
 <211> 401
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R38709

<220>
 <221> unsure
 <222> (1)..(401)
 <223> n = a or c or g or t

<400> 824
 tttttttttt tttttttgat ttctcaacat caaagttaa ttattacaaa atagttcaag 60
 caacatgata tgantttcaa aaactgtatg ttgcttngct tctngtttt gctccaacac 120
 taatcatgct gaggtttttg aagcacagct atgactaggg caggcactct tgatttcagt 180
 cacaaaaacc cttcttggat gaacaatact tgttcttttc agaagaaaag caattttacc 240

ttttctatatt ctattatgaa aaacagagct aaacaatttt tgtatttttta gtagagacag 300
 ggncccaacca cgctggccac gntgggtctc ganctccttt caagntgttc tgcctgcccc 360
 ggccnccaa agtgccggg nctacaggat ntgaggncac c 401

<210> 825
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R39394

<400> 825
 cctgttgtag ggtgttcttc cagaagcaaa gagcaaaatt ttactgttgt gatgtaccaa 60
 ttctaactaa ttgtaatttt taatttcatt cggttaataa ttgtctcttc attttaagac 120
 ttttaataca aatgtcattt ttaaagaaac aaacccaaaa ctattgtttg tgtttctgtg 180
 tttcatattc agtgatttaa tacagtatca tgggctgagg tgggatgggg ggcaggtgca 240
 tggatactct tcagaggcta tttgtggaaa ttttaaagga caggaaagtgt ctcaagtaca 300
 agttgggagtg gacactactc cccaactttt taaattgggg aggaaaaccc tcagggtcga 360
 gggaggcccg ggggt 375

<210> 826
 <211> 340
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R39467

<220>
 <221> unsure
 <222> (1) .. (340)
 <223> n = a or c or g or t

<400> 826
 gagccacctc ggggtgactg agcggaaggc caggcagggc ttccctcttc ttccctctcc 60
 ccttcctcgg gaggtcctcc agacctggc atgggatggg ctgggatctt ctctgtgaat 120
 ccacccctgg ctaccccccac cctgggctac cccaacggca tccaaggcc aggtgggccc 180
 ttagctgagg gaaggtacga gctccctgct ggagcctggg gacccatggg cacaggccag 240
 ggcagcccg agctngngtg ggggcnttag tnggggggtg ntgcttgacc cccagcaca 300
 taaaaatgaa acgttgaaaa aaaaaaaaaa aaaaaaattt 340

<210> 827
 <211> 379
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R40030

<220>
 <221> unsure
 <222> (1) .. (379)
 <223> n = a or c or g or t

<400> 827
 tttttttttt ttttcatttt tactggcttt catttgaggc tgaatatcaa caagtatttc 60
 cagaataagt atctttatgc cagaatatct ttatacatgt gtttgtgggt agtagaatgg 120
 ggtataaatt ttacaaacaa aaatatattt taagaatagt ggaacaactt actatacaaa 180
 aacaaaattc agagganttt gtgggcaaca gcaacctcaa gcagcacaca tatttcacag 240
 agtgaatgtt catggaatat tatttctgta tcttacatgt tataaacata taaatacaat 300
 aatttgtatt tctatttggg gggtcattgt tcattgtgga cttaacaggc ctaaccaagg 360

gtttttaaacn catattggg

379

<210> 828

<211> 197

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R40431

<400> 828

tttttttttt tttttttgtc ttgtgtgtat ttttatttca gggaaagaaa tgagggatat 60
gataagaaaa agtctattaa aattgtaagg cttactccag acaccattgc ttaaatacact 120
cccctcgac acagagagaa aaccctggg caagtgcaca aaaacactac tcataaaagc 180
acgggtgacc agtgaac 197

<210> 829

<211> 486

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R41798

<220>

<221> unsure

<222> (1)..(486)

<223> n = a or c or g or t

<400> 829

tttttttttt tttttttttg catttattgt ggtaaaatat acataacata aaacctttta 60
accattttatt tttaaacatt ttaagcttct tattgaaata taacaatata ggaaacacat 120
acacagtaca acttgtaagt acactgctca atcagatttc atctggatca agaacagant 180
attccaatat tccggaaaag aaaagnaaac atgttaaaaa aaaangattt ttattttaaaa 240
aacctagnac atnggtantt aaantggggg gtttaagagag ggtaaatctct ctatcccttt 300
gtgtgtgtgt ggtatatata tatatatcat acataatccc atatctatgg catctttacc 360
caccctttta atggtnccct tttccggaat ggggggtttt cngggagggt tttcttgggg 420
ggggtatttg gttttatttg gttttaaagg gttttggggg ggggntaacc ttgggggggt 480
ttcccc 486

<210> 830

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R42241

<220>

<221> unsure

<222> (1)..(464)

<223> n = a or c or g or t

<400> 830

tttttttttt ttttgaaaac agaattattt attgcataca gcatgggact gtgatcaacc 60
tggnacatcaa atgccgcgat ggctgacagg gccagggcgg cgggagtgct gggaagccca 120
gtacacgtgc tccctctctg tgggactccg ggatccacgg ggcggatggt tctntgagtt 180
gagagttgtt cctgtttgtc ttccagcccc cagtcctccc cggccactct gattagccag 240
cctagggttag ggcctggcat aaagtcacac aggcacaccc cagaagaagg aaaaagggca 300
cctgcatgaa caaagagttg ggttgacagag gntgcaccgg ggtaagactt cttcatgca 360
gttnggagtc cncatgtn gggacatcag gagatgncac cncacagaat tggtnctag 420
gttttntctg gttttggccc agagaggctn attcccattt tttt 464

<210> 831
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R42336

<220>
 <221> unsure
 <222> (1)..(375)
 <223> n = a or c or g or t

<400> 831
 tttttttttt gtatttttctt ttaaattcttt atttatcctt ttcattcctt tatcccacca 60
 atgcaaattg cggagaacag ctggaagcca cgtcagagcg gcacaggcca gctggctgag 120
 tgatgctgac cgctggctcc gagcatcgag catcgagag atcacaacgg gncatcagct 180
 ctgggagctc ctaggcgnca ggcacagggc tgctggaggg ccgcagagggn gcgcacntnc 240
 ccagncttnc cacagtagtt tggnccttaa aaacactaag naacagttgn cattcattgt 300
 cttttttttt cttctttttt tcctttaatt aattaaaaaa gaaaaccaa acctcctata 360
 atttataagc tatgt 375

<210> 832
 <211> 318
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R42424

<400> 832
 tttttttttt acttttctgtg agcttatgag gccattctgc acattatcaa aatgaaatca 60
 ttatgcagta accttatata tataaatcca attttttctt ttgtagaaga aaacccaaat 120
 aattttacaa actacattta acttagtaat ataaagaact gactagtgtg aaattttgaa 180
 aatctaccac tttattttga agggaaaagg acacatcctt caaaaccccg gctaacaatt 240
 cctaggttca gttttctatt atacaaatca aaagggttaa ttccttgtgg gcactaacca 300
 aaactttaaa aattaacg 318

<210> 833
 <211> 490
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R42525

<220>
 <221> unsure
 <222> (1)..(490)
 <223> n = a or c or g or t

<400> 833
 ttttttttaa ttagaaggaa agaggtagaa gacactgatg tctatttggt ccaagattac 60
 gctctttggt ctacacactg ggtaacaata attgttccca actaaagggc caggccaggg 120
 actcgtagat gctgatgggc agcttttctt tctcctttct tctcaatgaa tctcaatggc 180
 ccctaaccac accaacatgg ccagctggc aaacatctaa tgtgggggaa agcagcaaga 240
 tttgtgctgt aggggaataa acaccgaagt tcaggagaa tggggggcca taaaccacac 300
 actgactgac caaatggacc ttgggacaaa tcatttccaa acctaggaaa tggcctccaa 360
 cagttaaatg tgggggttagg cttaaatccc tttcccgga cagtgtnttg ttttctaggc 420
 tngaggtttg ctttttaggtg gaaccctttt tttttntta ttntttggcc aggggtnagg 480
 ggggcaagtt 490

<210> 834
 <211> 243
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R42607

<220>
 <221> unsure
 <222> (1)..(243)
 <223> n = a or c or g or t

<400> 834
 tttttttttt aggctttgca aaatacattt aatgatctct ttcaaacaag tgttactcgn 60
 gttttctttg ctttctggag ctaaattgggg tatcgatgag gcagcagtca cgggagaccc 120
 aacatgctct tggcagatac tggattatcc aactatcaaa aatggagctg tagaagaggc 180
 atgttnaact gggtaaaaca gaaagggtat tttagtacgg tcaagttgat ctaagtacag 240
 agg 243

<210> 835
 <211> 270
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R44397

<220>
 <221> unsure
 <222> (1)..(270)
 <223> n = a or c or g or t

<400> 835
 tttttttttt tattgtatac acagtggaaa gctgggtttta tttgggagac aatgggagct 60
 tttacattgt tgagcaaagg agtgacgaga tcagtcctgc tttttagaaa gattagtttg 120
 gcagttactt atttgtaacc aganttagac agcaaacgag gatgcagggg gagaagtcag 180
 gtgactatta gtctgagagt aattctggga caagagcagt ggtaaatggaa ttnaaaggga 240
 ttaaagtntt taccaggttt tggcataaat 270

<210> 836
 <211> 367
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R44535

<220>
 <221> unsure
 <222> (1)..(367)
 <223> n = a or c or g or t

<400> 836
 tttnttccaa aaatcaccac ctttaatact ccccggtcct gcacacaccc acagtctcac 60
 tgggctccac cctcacttac tgcccgcggt ggatggcctt ggaggctgcc tgcccgcgcc 120
 aggatgtttg gcacaaagag cagccccgaa gccnctnaa tgntctcgat gggcaccagg 180
 taagcgnctc agtgggatgg cctnatccac aggtgctgtg ggcacacagt aggtgctggan 240
 tncaattttg ccanctgntn cctccaggtt cagcaccttg aagaagtttg tgggcactgc 300
 cangtgggtt ttgccgatga cctgggtant ttacgttaga tttcccatca gnctctgtcc 360
 atgggac 367

<210> 837
<211> 398
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R44714

<220>
<221> unsure
<222> (1)..(398)
<223> n = a or c or g or t

<400> 837
tttttttttt tttttttttt tttttgattt tnagcaggna cagttttgat tttattgcaa 60
ggcacacaat cgtatataca atgcataatt atcatctttt aaagtacaag ataaaaatca 120
tatacattat agtaaaganc atatgagtat attcttggtt cagagangaa anttgcctta 180
aggaagctgg gttataaccgt ttttggtatgt gatttttcgta tttatactga atcatccgaa 240
cagctcttgg ttaggaaaaat aaatctcatt gatagggnca cacaaccttt cacaggcttt 300
cactttacaa tgttccantt taaaggtcag ccagtgtggc tccctggatt ttggcatggg 360
gtcatcggtt tttcatcccn ggggtcttgg gttggaaa 398

<210> 838
<211> 364
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R45654

<220>
<221> unsure
<222> (1)..(364)
<223> n = a or c or g or t

<400> 838
tttttttttg ccatgtttca tttcctttta taatgaaaat ccataagggt ttaaaatact 60
cttagacaca cctagcttag caaatatcat ggacctctac atttatgtga attcacacat 120
gagctagcca gcacctcagt tctggtctgg catcgacacc tgcttctccc tttggccctg 180
gggccaggga gccctggagg ccagggtccc ctctgcctcc tccaatggag ttgccagcat 240
cgcctttatc tcccttctgc cccaggaggg caggaagccc aggggagcct tcagccccct 300
tctcaccnt ntgccccntn tttncagca aacctggggg cccngnttc cttttgttc 360
ctgg 364

<210> 839
<211> 229
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R45698

<400> 839
tttttttttt ttttttcatt ataaaagtca gtttattttt cctttctgtg tttcgtattt 60
tccctttttg tcagtaaag agcaatacac tgactggaaa tctgcatgat taaataacat 120
taacaagttc ataaacacac cccatatcag agtataaagc aagagggtga aaaatatccc 180
ctaaccgaat gccaaattag ggtatccctc aaaattgcac attctccct 229

<210> 840
<211> 254
<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R46074

<220>

<221> unsure

<222> (1)..(254)

<223> n = a or c or g or t

<400> 840

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tttttttttt tttttttttt tttttttttt ttattgccaa ganccaaaga aaaaatttta 60
tttacaatag agaattttat ttgaaacatg catttcctgt ttttttaaaa acaaatcagc 120
aaatgcagat caagtttaca ctccttaagg caagagtccc tatgcacgct gtacatgttc 180
atattaaatc caaaagctgc tcaccggggg aacttggtga caaagggcaa ggccaagggtc 240
agcaatgtgt cttt                                     254

```

<210> 841

<211> 338

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R49138

<220>

<221> unsure

<222> (1)..(338)

<223> n = a or c or g or t

<400> 841

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tttntttttt tttttttttg ggagttgaga tatttattaa cagatggggg tgctgggggt 60
gggctcctgc cccagaggga ttgacagggt gatgccgggt ggggagggtc gcagggtcgg 120
ctcctggcct ctntcctggc ttcattgggtc tgacanctct gggccancct cagggtcggg 180
agcgtactnt agcaccancc tttcaaagtc gttctccttg gcctgggtact ccttgatgaa 240
gggatgggac ctgtgggcat ccttcagctg ggacagggtat cgggtttgtca cctcaggggg 300
nttgccaggn tgctnggaca ggacgatgag gttnacca                                     338

```

<210> 842

<211> 284

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R49327

<400> 842

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tttttttttt tttggaaaaa gaaatttttt tttaattaga aaccaagttt acatacgggt 60
aaatgggttac taaaagctca gttgtaacca ctcctaacac cactagcaga acctcaaggg 120
agccaagagc tcttcctttt tcccctgtta atttcagta taatgtagca gcacaattat 180
ttcatgtcac atttaagaag aacaagaacc aatttatata aaggtacaat tgtatatcct 240
taaacattcc acataaacac actgtcaaaa ctcactggat atgc                                     284

```

<210> 843

<211> 414

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R51831

<220>

<221> unsure
 <222> (1)..(414)
 <223> n = a or c or g or t

<400> 843
 tttttttttt ccatttttaaa ttatttttatt gtatatataaa aaaccaaata aagcaataac 60
 tttaaagacc tcacacacac acagtataaa cacctgggta aggttttntt cgtgtccatg 120
 ttgacaccgg aactaccgtt aaagtgaag ttttgttttg tggttccttg tgcagtttca 180
 ctacatgta aacaagtcac ttggctatga tttgaccac gccccccgn ttagtttcgg 240
 gagggcagag gctctaccgg ctgtcacagc aaccggant cacagncaag ntaatgcccc 300
 gtgggtcctg accctgcaag cggggcatga cggtttcttg angcctagca gagngtggtt 360
 aactttcaca tncctcccc acccgtggt tcactnttag gtttttgaga agtt 414

<210> 844
 <211> 538
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R56183

<220>
 <221> unsure
 <222> (1)..(538)
 <223> n = a or c or g or t

<400> 844
 gtaagatggc ggggtacgac ttaactactc gcatcacgca ccttttggat cggcatctag 60
 tctttccgct ccttgagttt ctctctgtaa aggagatata taaagaaaag gaattattac 120
 aaggtaaatt ggaccttctt agtgatgcca acatggtaga ctttgctatg gatgcataca 180
 aaaaccttta ttctgatgat attcctcatg ctttgaaaaa gaatagaacc acagttgttg 240
 cacaactgaa acagcttcag gcagaaacag aactaattgt gaaaatgttt gaagatccag 300
 aaacgacaag gcaaatgagg tcaaccaggg atggtaggat gctctttgac tacctgggag 360
 gacaagcatg gttttaggca ggagtattta gatacattct acacatatgc aaaattccca 420
 gtattgaatg tggggaatta ctccaggagc agccagaatn tctttatttt tttcagagtg 480
 ttggttcccc caaccgacag anatgctgta agttcactct gggggaagct ggcctctg 538

<210> 845
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R56216

<400> 845
 tttttttttt ttagaaagaa gttggttacc actttaatag ggctgtccaa catttggtca 60
 catagatcat cttgaaatct aattgttttc atggccttcc tatctcacia gaggagacct 120
 gaatactctt ggaaaaagca aaccaaacat agaaagagat gccatgataa gacttggtgc 180
 tacagcacta tgtagttaac gatgccagac tttggattta atcagaggac atttctgcag 240
 tctaggacag ctatacaaag ctttaagaca ttgtatttac aggacttatt catgtaggga 300
 tccatatacct acccataact ctggccagag tcttaatagc atgggtggga gtgggctccc 360
 ttaaggaatc ctcat 375

<210> 846
 <211> 364
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R56602

<400> 846
 tttttttttt ctgttatgat tagatattta ttgagcacca ggagagagtc agaacattag 60
 acttatagtg gaggagcaga actgaaccct ggcctgtgaa ataacaattt caattaaaag 120
 ctgtctggcc ctgaagaaaag agaaatgac ctggatatag ctggtcctct gagctggcag 180
 agctgagcct cctcggggtc ttctgggtgg caagatgcca aagttgaata gtgtctgtag 240
 ggcatgatga ccaagtccta gtgctatggg catcttcctt ctgggtattta ggagaggagt 300
 accagaagcc cccggcagag gatactagga agggcccaga gccaaatcca gcagctgggc 360
 ttac 364

<210> 847
 <211> 181
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R58878

<220>
 <221> unsure
 <222> (1)..(181)
 <223> n = a or c or g or t

<400> 847
 caaacagggtc atttggtttt attttatgga tacaccaaaa ttttataatg agttgtgttt 60
 ctattttggc tttatcttcc agaaacttag aaccaaatat gcagtcctct tctagcaact 120
 gtatgagagc aggtggtaag cttctatttn attgcccttg ttttcccttg actccaaatc 180
 t 181

<210> 848
 <211> 485
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R59593

<220>
 <221> unsure
 <222> (1)..(485)
 <223> n = a or c or g or t

<400> 848
 tttttttttt ttttttgcca ttgaaaagaa agtttaaatgt tacaattctc cccagaaatg 60
 aggggtcatgg catgccacag ggggccacat gaaactctgt cacaagcaga gaccacaaag 120
 cagagagagg acctgagact atgcctttat tgctaagtca gtgggatgga tctaggtggg 180
 gatgtcccct gtttgggcat aaagcaaaaa cagacattct atggttgtca ctgggaagt 240
 tgtgatatga gttttgtgca cccacgagag agggcttaaa aggatgatgt aaacaacttt 300
 agccttttagt ttgtccctgt acttaataata tgtcaaataag ggcaaacaca aattctaagg 360
 taaacacaga ttagttccgg gacgagcttg gcttatggca cacnttcagg gaaacacctt 420
 ggcttaaatc ttacagggga ccacctgttt ttttcaaact ttgggggttat tccgtttctg 480
 acttt 485

<210> 849
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R60056

<220>
 <221> unsure

<222> (1)..(363)

<223> n = a or c or g or t

<400> 849

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tttttttttt ttttataaaa ggaaacagac caacatcata gtgtttttatt gacaaaacca 60
taggaaaagg cagtttttagg atgtaaagta aaaatggttc tctgaaatat ctacacaaac 120
gtgaattctg aaaagttttc attaaaatcg tatttcatac aattataaac taatgaggaa 180
caaaacaatt ttcaacttct ccataaccca gactgagctt gatttatgct tgccatacag 240
aagcagganc tcttcccaga gaggggtggg gctcccacac agctgacagc caggtttggc 300
tgtttaccta agccccatct tcccagtcgg tgttcaaaaac aagggcacaa ggtctgggct 360
tttcaaaaaa aa 372

```

<210> 850

<211> 387

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R60777

<220>

<221> unsure

<222> (1)..(387)

<223> n = a or c or g or t

<400> 850

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tttttttttt tttttttatt taaatggaaa cactaatctt tattttcatc atgctgaagt 60
gtgtgggttac aatttccaat aaaacactat atataataag caaaataagt tagtacattg 120
taaacttatg cacagtttca tcaattaaca gtttaaganc aaacaagcca tttaagactt 180
tggagctaca tttagtataa nattgcaaac actcaaatct tatcaacccc aagtaagaca 240
gtaaagagct attcaagact ttttcaaacc aattacacaa ntacatgttt atttttgggt 300
acagtccccct ggctatgcac aaggaccatt gggaatgctg ggancaattt acacatttta 360
aaaacgggca aaaaggcaaa gcaaggg 387

```

<210> 851

<211> 440

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. R66690

<220>

<221> unsure

<222> (1)..(440)

<223> n = a or c or g or t

<400> 851

```

acattttcaaa atttagatat ttaatagttg agaaaaaata aagaaacaaa aaatacaaca 60
aaagagaatc acccataggt ttcaggaaca aaatcattaa atggaaaaaat gagaagaatt 120
ctttattttt ggaccaattt taggcactta agagttttct tttcttcctt tccccttgat 180
caaagtgaag atatgatagg gaattcagaa atttctcttc ttgaagaaag cagagataac 240
ctgtccatcc tagtgaaaga aagcaciaac gattcacctg acgggtggaca caaaatgact 300
ccttcattct ctcagttctt tctgctgtaa tgaaattcca cctgatacat ctagccatag 360
cacactgtta attactttgc tatttattca gtaggctccn caagtgggga agcgttcttt 420
tgccccgggga tttgtccggc 440

```

<210> 852

<211> 350

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. R69417

<220>
<221> unsure
<222> (1)..(350)
<223> n = a or c or g or t

<400> 852
ttttgtgggg ggggcaacta aacaaacaca aagtattctg tgtcagggtat tgggctggac 60
agggcagttg tgtgttgggg tgggtttttt ctctattttt ttgtttgttt cttgtttttt 120
aataatgttt acaatctgcc tcaatcactc tgtcttttat aaagattcca cctccagtcc 180
tctctctcc cccctactca ggcccttgag gctaattagg agatgcttga agaactcaac 240
aaaatcccaa tccaagtcaa actttgcaca tatttatatt tatattcaga aaagaaacat 300
ttcagtaatt tataaataaa ggggcactat tttttaatga aaanaatttg 350

<210> 853
<211> 341
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R70212

<220>
<221> unsure
<222> (1)..(341)
<223> n = a or c or g or t

<400> 853
gcagttggga agaatttatt atcactaagt ggccctgaca gatcaggagg gagggggtga 60
cactaacgag gctgctacaa tcagctcccc tagaggcagc gattaagggc tcattaccgc 120
ctggggtgag gggagcctgg gaaaggcagc ggggcnnggg gattagggtta ggaggtgggg 180
cantttagag ggaagaagag tgggacaccc ccaggggagt ccaaggaggc ctggcctggn 240
agaagantna gnttaccctc ccacccccca ntggggannn tatgactaag gaagccccca 300
gaagggntga aaggagantt tcccaggga ntgagnttag a 341

<210> 854
<211> 284
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R71395

<220>
<221> unsure
<222> (1)..(284)
<223> n = a or c or g or t

<400> 854
tggaaaaaan nacaacttta ttttcagtca tttctatttc cttgggttatg aacaaaggta 60
gcaaagtgc gttgtatcag cagtgcacat agaaattaca gagtttttca tatcccttta 120
cagtttgcca caggtatctt aaaatattgt ttacactcat ctctcttcag tttaccattg 180
tttaataggc ctaccctcga tctttttatt caatatgtta ataaagaaac ctatacacat 240
agtatcacgt tatacatttt aaaantnttt tgacaactgt atat 284

<210> 855
<211> 480
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R71792

<220>
<221> unsure
<222> (1)..(480)
<223> n = a or c or g or t

<400> 855
atattattgca aactccctaa tatcacatgc tagtgcgctt gnaatttcac tcaggaatgt 60
tccgggatgg gggccagaag gtagagagca ccatgaaagt acagcctgcg aggccggatt 120
gctaaggggc agacttcatg ccaatggagg gacaganttc aggaccagtc tggatgggct 180
aagctgcctt gggcngnaag gagctggatc aggccaggga gcttgagggt ctcctttggc 240
caaccacccc caggtttcca gtcctcctc ctcactcagg gtcctgcgcg gtgagggagg 300
tttgggggag gttcgcggct ntacagctgc cagggnntttt ggggcactac canttaagcn 360
tgaggccccc agtcagtcct tcactngggg aaagtttcca agganttggg gctttcactn 420
gcattttttt cagacangtt ccgngtaagg ggttnaagct ttnccttngg ggggttnccc 480

<210> 856
<211> 395
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R82942

<220>
<221> unsure
<222> (1)..(395)
<223> n = a or c or g or t

<400> 856
atattttttt caggaagaga aacaggagac ctgcaggctt ctggacttag gaggnccggg 60
cagctgggcc atggttggtc aggnagtgc gcaggctgtt ggganaatcc gttatgacgc 120
cagtggtctc cacgtgaag gctgcttcaa aatccgactc ttcattaagg caccaaaaga 180
ccacctgcac cctcgtctc tccaagtgtc ggatcagact cttcctcatg atcagccatt 240
tcgaaaccac agccaataac tgggttcagg caagagcagg aaaatgggga aataggtcct 300
nttgatgatn ttggggcagg aagcagaaga agaacttctc agggattggg gatgaagggc 360
agcagcccag ggtagtaggg aaagcagcac ccaga 395

<210> 857
<211> 392
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R84421

<220>
<221> unsure
<222> (1)..(392)
<223> n = a or c or g or t

<400> 857
acaaagagaa aattttattt tcttattctt gaaatgactg tacgattttt caatgttaaa 60
gttcactttc aagtatgatc aataacaaga catcaaagt aaaaattatg ctgtattatc 120
attttctcca ttgcttctta aaccactgaa agtaatttca caattcacca catttaggca 180
tcttcttttt cactttcttc attttttact tctttaggca acaatggatc aatcttcagt 240
aataaacctt cacttggtga actacgaagg aaagcacgta ccacaanggg acccaaattc 300
aggcgggtct gtgcctacaa acttcattaa taactgcttg cggattgggc agctatctgg 360
gtcacttgac atatccaatg ttggctatct tg 392

<210> 858
<211> 476
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R84968

<220>
<221> unsure
<222> (1)..(476)
<223> n = a or c or g or t

<400> 858
aaataaaaaac agtaagcaaa taacactgtg ggcagcatac agaggtggca aacaaataaa 60
gtcctggggtt actaagagga accaggggtga agagtccagt ctggatgcag tgggttggtg 120
ggcagcggca aatctcgtca ggggctaagc tgcagtagcg gacccctgag agcccacctg 180
gggctgcagc ctggcccccg gcctgggagt tggggctgcc gntttccatg ctgggggtcct 240
gctgggtcca atggggcacc tgccctcttg cccagctcat tgggtgaagc atcagatgag 300
gcgaggtggt tccagccccc taaaccaggg tgatgagggt tcagcgacct tcggagccan 360
gcccagggtg agtttttggg atgccccagg gttcctnaaa caggntcccn gtccccagtt 420
tttcttttgg aacaagcntg ctggggtnct cccggnataa gtgaatcaga gttttt 476

<210> 859
<211> 412
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R85291

<220>
<221> unsure
<222> (1)..(412)
<223> n = a or c or g or t

<400> 859
ttgntattta cangtattta aatgtgaata ttcactacct atttggtgca ngcctgcant 60
ttttatactg ggcttgccaa aaaccggaac agctttctac tttgacaatg tatcagaatt 120
taaatacagca atatgttaat aagccaagca aagggttatat atgcaaataa aactgttgct 180
tataacctcc tggtacactg gggcacagca aaagtcattg ngtagtcgca tgtgaacctg 240
tccctttcat aggctgctca ttgccgggga acatcaggga atagccattt ggggaaggggt 300
catcagccct cccancatcc gttttctgtc ttgtcttttc cctatgaggc agggggnaat 360
tccnccgttg ggccccaatc cccagtgcag gnggctcagc ctntggcctt tg 412

<210> 860
<211> 380
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R88209

<220>
<221> unsure
<222> (1)..(380)
<223> n = a or c or g or t

<400> 860
acatcagtca gaaaattcca gaaaatggaa agtactccat catacagcaa agtaaatcaa 60
tgggttggtt aagagcagag agaaaaactt tataaaggct ccaagtaaat acaaagggtga 120

```
tagattagat aaattcatta tggngactct gatgatgggt tcacgggatt ataataaaat 180
tcaagactta tcctacagct caaatatgtg tactttattg gatgtcattt atatctttat 240
tttattttta agatgggggtc tcaactctatc acccgggctg gactgcagcg ttgcaatcct 300
aggctcactg caacctccgn ctcccgggnt caagcaatcc tcccacatca ctaaggncca 360
gggtacatgc cncctnccg                                     380
```

```
<210> 861
<211> 415
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. R89291
```

```
<220>
<221> unsure
<222> (1)..(415)
<223> n = a or c or g or t
```

```
<400> 861
atggagtctc actctgtcac ctaggctgga gtgcaatggc atgggtctcca ctcaactgcaa 60
cctccacctc ccaagtataa gtgattctcc caccctcagc tcccaagtag ttgggactac 120
aggcacgtgc caccacacct ggctaatttt tgtattttta gtaaagatgg ggtttacta 180
tggtggccag gctggtcaca aactttgccc actttttaat gggattatct gttttattcc 240
tggttgagttc tctgtatatt atagatatta gtcccttggt gggataaatg gtttgcaaat 300
attttcttcc acttaacagg gttgtatggg gatagggatt ttttaaaaaa ggagctaccn 360
actgtgaagg ggtaatatct cttaccttaa agggggccaca tagggccntt ttatc 415
```

```
<210> 862
<211> 379
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. R89840
```

```
<220>
<221> unsure
<222> (1)..(379)
<223> n = a or c or g or t
```

```
<400> 862
ttaaatttta ttatagtaac aaagtgacta tttttaataa taaaagcaga gtgcctgtag 60
gaagtggatg gccctatctc aggccaagtc tccttagtgt ttcagacctt ggctgaccag 120
aatagtcttc tagaatgtaa catttatcca ccaggngtca ttattttacca atctgacaag 180
ccactgggct gtctccgngc attcaatggt tgggaatcaag gctacagacc agantaggag 240
atgaatgaaa ntagatttag aaaagggcgt tgtggctgga atgcagcttg cagtgtggga 300
gggcagggnt gggagggtaa agagggctct ttgaaagncc agtntcactt tcctgatcca 360
agtttcttaa gctgatact                                     379
```

```
<210> 863
<211> 378
<212> DNA
<213> Homo sapiens
```

```
<220>
<223> Genbank Accession No. R91484
```

```
<220>
<221> unsure
<222> (1)..(378)
<223> n = a or c or g or t
```

<400> 863
tcaaatgtca gatttcttta ttaaaatgtg cacattatag tttacttaaa tacaaaatgt 60
tcactttcct tgcaggtaag aaatttcact gacatttcca tgtcaattag cttcttttta 120
ataaaaaatcc ttccactgaa aataaatang catttaantt actgaactat tatattcatt 180
agtctcaata cctcttaaaa tactttaaac ttngnaaaat agactctaaa catngcctaa 240
ngnggggcat ccagctctga ggcaggccac acaagggtgtg tctgagggtat gggccatatg 300
actccggggg ggccacctcc acggacgggc ccagccccac cgacggntct gctggaaaat 360
cccggcccct caggcggg 378

<210> 864
<211> 357
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R92737

<220>
<221> unsure
<222> (1)..(357)
<223> n = a or c or g or t

<400> 864
ttaatatataa agtaaaagag tacattgttg agtagaggat taaaggagt acgacccttt 60
ctaaagtggg gtctcccatc ccggatccct aagactgtaa catctgctac atacattaaa 120
ancaaaaacaa aacaaaagca aacatgaaac ttatgacctg acttcactcc acccttcattg 180
cctgcattat gacagaaaca cgtcccactg ctctacttta tgtatgtaca tccagaggct 240
ccaaaccta ggctgtgggc cccctcctcc caggccccac acacacacac ccttggcaca 300
cacatggcac acacatggca cacacatggc acacacacac atacctggct ggcccat 357

<210> 865
<211> 223
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R93908

<220>
<221> unsure
<222> (1)..(223)
<223> n = a or c or g or t

<400> 865
catatatnna atantaaaaa tcttgggagg cattgcactg taatagtaag tctgcccac 60
caggntcatg catgtctttt ctttcattca agtcttattt tataatctttc agtaaatattt 120
catatagatc ttgtgaatcg aattattttt acattttcaaa ttcaactaac aattattaat 180
aganaatgaa aacattgatt tttttcaata tttattttgt gtc 223

<210> 866
<211> 334
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. R96924

<220>
<221> unsure
<222> (1)..(334)
<223> n = a or c or g or t

<400> 866
 agtaaaccttt attnngggaga tgggggtgaat ccatcactgg ttactggaac cctgagtctg 60
 catttttctcc tcaggaaggc ggtctgaaat ggagtgggct gtgttttgga aggggtgttag 120
 tgggtttggaa tctctcacct gcttggtccc cgagctgggc ctccaggctgn tctccccaga 180
 gtaaatgccc gggatcattg aggaagcggt ggctgcgctg ggcatgttag ggcaggtctg 240
 tacgggtccag cgctgtcccc tgcagcgctc ctgggcgctg ggggtgcaggt naggcccngg 300
 acgaggaggg aagagcagcc tcgacagaga gtcc 334

<210> 867
 <211> 510
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R98442

<220>
 <221> unsure
 <222> (1)..(510)
 <223> n = a or c or g or t

<400> 867
 gtactcatta atccccctcct caattttttaa cagaattata aaagcaaagt caaaagggtcc 60
 ttcaggatga ctgggaggct tcctaggcta acttttgcct ttgaaaatgg aaaaaataaa 120
 ttacttgata tttgtgataa gactaagatt tcttaaaagt ctgcacatca atatattacc 180
 tgggcttagg aggggtgaggg cacagtatcc atctgcaccc tctcctcgta ttttttaaaa 240
 acaggcaaaa tatgtaagaa aaggctgggtg cacgttggaa gacagagcgt gcctgtctat 300
 gccagtgtg ctgtgccttg cagcctgggn aggatgggag tcggatgctg gggcctcatg 360
 nccacttagg gccataaca tactcaagac tctacagccc tttcaccagc aaagtatgnc 420
 ctgaggggaa ccactgggtg ttgggagttg aaggcacaca aagcaggggc taaagggcaa 480
 ttgggggtttc acggtgcagg cgccttgagg 510

<210> 868
 <211> 386
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. R99092

<220>
 <221> unsure
 <222> (1)..(386)
 <223> n = a or c or g or t

<400> 868
 tgtagagacg ttttgccctg ttgcccaggc tggtttcgac ctgctgtgct caagggatct 60
 gcccaccttg gcttcccaaa gtccataggat tacaggcctg agctactgcg cccaacccat 120
 ttatttattn ctgttttagt tgcatttgct ttaggagctt tagccatgaa ttctttgcct 180
 aggccaatgt ccagaggagt ttctcctagg ttatattcta gaatttttat ggtttcaggt 240
 cttagggttta agtcttttat ccatcttgag tttatttttg tgtaaagtga gagacagga 300
 ttcaggttca ttcttctaca tgtggtatc cagttttccc agcaccattt attaaatagg 360
 ggtgtccttg cctcaattta tgggtt 386

<210> 869
 <211> 691
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. S45630

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<400> 869
gacccctcac actcacctag ccaccatgga catcgccatc caccacccct ggatccgccc 60
ccccctcttt cctttccact cccccagecg cctctttgac cagttcttcg gagagcacct 120
gttgaggctct gatcttttcc cgacgtctac ttccctgagt cccttctacc ttcggccacc 180
ctccttctctg cgggcaccca gctgggttga cactggactc tcagagatgc gcctggagaa 240
ggacaggttc tctgtcaacc tggatgtgaa gcacttctcc ccagaggaac tcaaagttaa 300
gggtgttgga gatgtgattg aggtgcatgg aaaacatgaa gagcgccagg atgaacatgg 360
tttcatctcc agggagttcc acaggaaata ccggatccca gctgatgtag accctctcac 420
cattacttca tccctgtcat ctgatggggg cctcactgtg aatggaccaa ggaaacaggt 480
ctctggccct gagcgacca ttcccatcac ccgtgaagag aagcctgctg tcaccgcagc 540
ccccaaagaaa tagatgcctt ttcttgaatt gcatttttta aaacaagaaa gtttccccac 600
cagtgaatga aagtcttgtg actagtgtg aagcttatta atgctaaggg caggcccaaa 660
ttatcaagct aataaaatat cattcagcaa c 691

```

<210> 870

<211> 1398

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. S59049

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<400> 870
tagatggcaa cctccctatc tgcccgcagg tcatagaggg gacacgtagc gtcactctgac 60
cctgaagcaa aggcatctcc actccaaagt tagacaaaat gccagggaatg ttcttctctg 120
ctaaccctaaa ggaattgaaa ggaaccactc attcacttct agacgacaaa atgcaaaaaa 180
ggaggccaaa gacttttggg atggatatga aagcatacct gagatctatg atcccacatc 240
tggaaatctgg aatgaaatct tccaagtcca aggatgtact ttctgctgct gaagtaatgc 300
aatggctctca atctctggaa aaacttcttg ccaaccaaaac tgggtcaaaat gtctttggaa 360
gtttccctaaa gtctgaattc agtgaggaga atattgagtt ctggctggct tgtgaagact 420
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<210> 871

<211> 1644

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. S75463

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<210> 872

<211> 2469

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. S77154

<400> 872

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<210> 873

<211> 1223

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. S81914

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<210> 874

<211> 290

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T03229

<400> 874

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ccatcacttt	caggtagacc	aatcagacgt	agattthgtc	ttctctcata	gtcccatatt	180
tcttgagggc	thtattcgth	tcttgthtat	cthththtct	ctaaaactth	thctthtctac	240
thcaattthca	attthattth	aacctthcaa	tcaactgata	cccctthtct		290

<210> 875

<211> 253
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T03593

<220>
<221> unsure
<222> (1)..(253)
<223> n = a or c or g or t

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cttcactcaa ggaacagggc aagggggccc agtacagaga acagaaatct cttacgacag 180
catcgtgcc tggcaganga ttctgcatan tcacctagaa atttcaattc taactgnttt 240
gatggaataa tag 253

<210> 876
<211> 71
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T10695

<400> 876
tttttttttc agctgggcta cagggtttatt ctggcactgg aggtgaaagg gggctggtgt 60
ggccagcacc g 71

<210> 877
<211> 255
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T15409

<220>
<221> unsure
<222> (1)..(255)
<223> n = a or c or g or t

<400> 877
ttttattgaa agttgaaaag tgaacagtta aataagtgac accttaaaat tgtgtagcga 60
aatgacagaa aatatgcata taactactat acaggtgcta tgcagaaacc cctactggga 120
aatccatttn attngttcga actgcggatt tttnaacgta ttcaaccagc tgaattgaac 180
gatttcagtg nacacggatt tacttttagcg tattcagcag ctagatttca gcttccacan 240
ngtgcgtnac tgtgc 255

<210> 878
<211> 268
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T15423

<220>
<221> unsure
<222> (1)..(268)

<223> n = a or c or g or t

<400> 878

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ggcagtgggg ggacccccag ggaccacagc acacagacta gtgttagaaa ccccttccca 180
gaagcaaccg gtgggacttg gcccttacca gccaggggtc tactccattg ggtcttgggg 240
cccaccaacc cctnttagag gnggnccc 268
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<210> 879

<211> 537

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T15530

<220>

<221> unsure

<222> (1)..(537)

<223> n = a or c or g or t

<400> 879

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aaagcaggac atacttccca aatacagttt caattcctcc actatctaaa gagaggcgcc 120
tattagagcg cttcataata ccccgagtc ctcgtgaaca cactccagggt ggaaaattct 180
gctgtgatga tgtgctaaaa aataccctat aactcaaata ttacacaata atcaacacta 240
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tttattccca gttagagct caatcattat cccaaccaa ctctctccag aagaaaattt 360
ccacacagcg tataaggggc actaaaatac ttccccatcc ttcacagtca ggcagcaaag 420
caagcccacc tgtaaaattt ttcaaaagct gttgantgtg gaatttttagc tcaaatgtga 480
tgctgggcac ctcatgttct gtttttccag gtcccgggtt tggncaatth ttgtttt 537
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<210> 880

<211> 246

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T15850

<220>

<221> unsure

<222> (1)..(246)

<223> n = a or c or g or t

<400> 880

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gtaacggtaa cccctaactt ttcaggggccc tggnaaccgc ccctgccagg gtccacacgc 180
agagttatgg cggnccacc cccacagggt cagctctatc tcccacctnt tgcacagaga 240
tataag 246
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<210> 881

<211> 311

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T16282

<220>

<221> unsure
 <222> (1)..(311)
 <223> n = a or c or g or t

<400> 881
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 agccagtatt attagtcaaa tggctaataca cagataaaat atattttgtg aaaaacttgg 180
 aatgtcagan gtcattctgg catttcaaac agctatgtac agtatcacga agatcggttt 240
 atatacacia atattgaaga gaaaaaccgg gcaaaacatt taaaaacaga ctaataatac 300
 aatcaagtat a 311

<210> 882
 <211> 240
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T16556

<400> 882
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 ggaatgctcc gttgtatatt caggagggga cagtgaaaaa gacaaataat aatgtctttg 180
 tattatgaaa agttttgatc tcatagatct cctgaaagtc tcagggtatcc cccggggggtc 240

<210> 883
 <211> 250
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T17428

<220>
 <221> unsure
 <222> (1)..(250)
 <223> n = a or c or g or t

<400> 883
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 aatgcctttg tgtntcaggg ctccggagat tctcctcgnt ggccagccat tggcaagaat 180
 gccagactca gaggttgcca ttgccacag gctttntnct cctttccttt cacagcagga 240
 agagccctcc 250

<210> 884
 <211> 309
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T23468

<400> 884
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 ttaacatgga tacaggaaaa gaaaactctc caataaaaaat attgtctaaa aagtttggtt 180
 tggctgcatg atttactaaa tatgtacaat ttcaattcac agcgaaggta acaaagattt 240
 aaacagccaa catcacaatt gtctcaagtt ctaaaaaaaaa atcactgtgc acagtttaac 300
 aatttaatt 309

<210> 885
 <211> 299
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T23490

<220>
 <221> unsure
 <222> (1)..(299)
 <223> n = a or c or g or t

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 aacagacctg ggccgagcaa ggaagggtta tggattttcc acccagacag aaattcaaa 299

<210> 886
 <211> 299
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T23622

<400> 886
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 gccttttgag tctaagatga caaatcccta ggggtcagggt gggttttccc gcacgaactc 240
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<210> 887
 <211> 309
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T23935

<400> 887
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 gaacactata ttcatattaa acattttacag tctttccatc taactttaca catgtcctaa 180
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 cccacctaa 309

<210> 888
 <211> 128
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T25732

<220>
 <221> unsure

<222> (1)..(128)

<223> n = a or c or g or t

<400> 888

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tactgagc 128

<210> 889

<211> 207

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T32113

<220>

<221> unsure

<222> (1)..(207)

<223> n = a or c or g or t

<400> 889

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<210> 890

<211> 308

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T33263

<220>

<221> unsure

<222> (1)..(308)

<223> n = a or c or g or t

<400> 890

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ttaaaaga 308

<210> 891

<211> 280

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T40327

<400> 891

agaaacctca agctcccaaa cagcacgttg cgggaaagag gaagagagag tgtgagtgtg 60
tgtgtgtgtt ttttctattg aacacctgta gagtgtgtgt gtgtgttttc tattgaacac 120
ctatagagag agtgtgtgtg ttttctattg aacatctata tagagagagt gtgtgagtgt 180
gtgttttcta ttgaacacct attcagagac ctggactgaa ttttctgagt ctgaaataaa 240
agatgcagag ctaaaaaaaa aaaaaaaaaa aaaaaaaaaa 280

<210> 892
 <211> 271
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T40895

<400> 892
 taatggtagc tatcaattta ttaactgggt actgcggcaa tatatataat tataaaatca 60
 ccataaatcc ttctattcat acgttaacac atatcactgg tttaattcat tgaaggcaaa 120
 tacaagtttt tcccttactt tccttccaag attccactta ggctgggttac cccaaacgta 180
 atggagaaac attaaatgtc acttttaaac cactttttaa ccagtcttta attttcaatt 240
 caggtgtgag gcacatatat acacacaaac a 271

<210> 893
 <211> 343
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T40995

<400> 893
 taatgggttaa ggaggaaggt ttattggctt caattcccca gttgatgttc aacactttat 60
 ttagttctca ttgggatttt aaacattttgc ttgacaaata atttcccatc aatttccatt 120
 tctttggaaa gctcccacgt gtaatttatt tttaacatct ctgaagagca gaattaatga 180
 tatttcctag ctgttgctcc agatcatgta gggttagagga ggctgaaaac tgctacaagg 240
 gaaggcatct gtattgtttc aaaacgtcag gacgggtacgg gatactcttt ccagagcgac 300
 gagggtcaaa tcccttcatt tatttttttc aaaagggtaa aac 343

<210> 894
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T49061

<220>
 <221> unsure
 <222> (1)..(351)
 <223> n = a or c or g or t

<400> 894
 ggaccaaaga acttttatatt tatttttaaat atcaaagtaa cacaaagaac tagttcaata 60
 tacagtacac ttcctactct tcacagagaa ctgaaatttt ctataaagac atttatactt 120
 aggaaacatc agacaaccaa agtatgtata aaactcacia gatattttac acacagttca 180
 caataattaa ttctgatatt ttaggnnttt tctgtcattg ctttttaaagc atccttaatt 240
 taaaaacaaa aattattatt tgaggactgg aaaacaggtg gcaaaggcat ttctactttt 300
 aattatacac tggtaaatcc ccccttaatc caaaacattt tacttncaca t 351

<210> 895
 <211> 271
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T49291

<220>

<221> unsure
 <222> (1)..(271)
 <223> n = a or c or g or t

<400> 895
 tgagaataat cagggagctt tattatacaa aatggcgggg tggggggcgg caanagcggg 60
 ggacgagcat caagcatcct gcatggccgt tatcagccct tgacctgcag tttccccttg 120
 gatctggggg ggtgaccacc ctctctgcac aggctgttct caacctccta acttcctaga 180
 aggcacttgg cctctccagg gggtaagtc ctttggccaa tgatcaggag tttctttcct 240
 cccccaagta acaagaagcg gttggngttg g 271

<210> 896
 <211> 423
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T49602

<220>
 <221> unsure
 <222> (1)..(423)
 <223> n = a or c or g or t

<400> 896
 tgaatattca agaaaggtga agtttaattt gcatataggc ataacctaca cctcacttgg 60
 caagtgttag gccacagcac aaaccctct gtccaatcac aaatgtccac aaatttgcaa 120
 agtaactgga cacgaacgat atgtttctca aactcacaca catattcgtc catcacacac 180
 aactcaaat gataaagaan tacattgaaa tcctctacaa aagagatctg aggacagtan 240
 tcagatgacc tcatgtgcgg acagcctintt gcagtttaca gtctaatacca tttggtcctc 300
 acantagccc tgtgaggata agcagcacag ggattactnt tcacaccgtt ttgcaggatg 360
 agggaaactg aggctcaggg gatgtgtaaa caccagccta aggttttcca gttgggagac 420
 tgg 423

<210> 897
 <211> 413
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T50387

<220>
 <221> unsure
 <222> (1)..(413)
 <223> n = a or c or g or t

<400> 897
 ttttttttgg tagaaatggg gggctctact atgtgggtcca ggatgggtctc aaactcctgg 60
 gctcaagcaa tcctcctgcc ttagccttcc aaagtgtctg gattatagga ataagccacc 120
 gcacctggca ttcttgccct ctcttatttt atttaccttc caggagggtgg tagacataac 180
 tgattaataa aatctgaaag antttatctg gcttagcaac tttctcctct tgcgggcagg 240
 aactatccaa aagagtacat actcaatcca ccagtgaaga tggacagggtt atcttcatgt 300
 aggcaggcca aacatttccc atctcattct attaaactttt tttttttttt tttttgagcc 360
 agagtctcac tctgtcgccc tgggctggga gtgcagtggg ngcgatctcg gat 413

<210> 898
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. T53404

<400> 898

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ctgtagcaat gaaaattttt aatttgaata aaaatcacgt aagcatgagg ttgttgggga 60
acacggaaaag gaagggctca gattaggggg tgtagcacat ttatcaggag gtaagatctc 120
catagtctcc taccctcctt ggcttggcct tttactgtgg tatccagcct ctgggaagac 180
cttgtatgga cagtatctcc actgggggcta tcaactagggtg accaggtagg ggacagagta 240
gagcagccaa tgaccttaac tcaaaatctt ttctctccct tcaacctgtg aaaaaagatg 300
actgggcaca tactcagatg tcccctgggc atagcaccat cttgttggcc agtcacaaac 360
accagctctt agttaagagg gcctgggttt aaactcgtgc cgat 404
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<210> 899

<211> 309

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T53590

<220>

<221> unsure

<222> (1)..(309)

<223> n = a or c or g or t

<400> 899

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ttnggtatgt ggttcagctn tttattntct ccatgggggtg ggtgaagagg agtggcccag 60
ctgagctgag gaaggtgacc actgagaacc cattcaacct gctgagcagc ttgggcagaa 120
aggagcagga cttgggacag acgactgaag atgcagagac cccatggggc ccacccctgg 180
gccttcctcc catntggctg caggcatcct ntntnatcan tgctgggttg cttcctgggt 240
aaagggccan aaggtnaagg agatgggntt ttcangcatc agaattgagg tnaatttggg 300
gccccacatc 309
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<210> 900

<211> 457

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T54613

<220>

<221> unsure

<222> (1)..(457)

<223> n = a or c or g or t

<400> 900

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gggctccaga ccgcatttat tcacctccaa agagggctgc agaccaaggg caccaccggg 60
ctccctccgc tggcagggct gcatgccggg agccgtgggc acattagaag gtccgggagc 120
gcagccaagg ggnctgtgtg agcggccgtg gacagagtgc agcgggcaag tcaactgagc 180
tcagtttctc catctagaaa accgctgcgg ctgtgcggac tgcattggcag gcagtgggct 240
ctcaggcgtg attgctcatc cctctggctt ggcggaggga ggcctagagt cctgaccttc 300
accngacccc gccaacgtgg catcttgctt accngccttc gggaggcaga aagggggcag 360
cgaattagca agccgaagca ttgnacaatt nggcccttna gggggccttg ggcttncggc 420
ttaaaccnng cgaaccccn agtttggccg acgaana 457
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<210> 901

<211> 453

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T54617

<220>
 <221> unsure
 <222> (1)..(453)
 <223> n = a or c or g or t

<400> 901
 tttgagactt tgnctgtctc tgtcgccagg ctggagtgca gtgggtgaca gggtgagact 60
 ctgtctaaaa aaaacaaaat aaaacatgat gtttaataag tgctttcttg atataatctc 120
 actgtaggaa tgccatgttt cgctgggtgca cacactatca cagcacagtg attaccaagg 180
 aaatggagat ccagaattac tttattgtta tgatcctgta atcaaaaataa agtaaaaact 240
 ggggcttcag gccttgccctg gggacctgta ttttcactaa aagctgctac tggcatagac 300
 aatgatcagt catcacactc tatgttaaca aacacagcac acacagcttg ctgtntttct 360
 tgaggccgcc cccagcaggg ccccagggcc aaggcttggtg ctggttacca agggcaggag 420
 ggacggatgg cttgctngac canagggtnt tga 453

<210> 902
 <211> 470
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T56281

<220>
 <221> unsure
 <222> (1)..(470)
 <223> n = a or c or g or t

<400> 902
 caggtnatn ttntttaatt atcactcaca tatttcacag gaaaaggant ntagcaaattg 60
 ggtcaagggtg gtntaaaaaa aaaatccagg tttntacatg tctctctgtt tacatctggg 120
 agaaagggttn tcctggcatc agtcgcagca gctgcacttc tctgacgccc ctttgcaaac 180
 acagccctgg gcacacttgc tacagcccac ggggaggcag gagcagcagc tnttnttgca 240
 ggagggtgca tttgcnctct ttgcacttgc agggaaccag cgcagggtgc agggagacac 300
 cagcgggccc agggagcagt tgggggggcc cattgcaagc ccgagggaga gactgggact 360
 tttcccaagg agagaagcga aggaagccag tggggggcag ctctgtgccc anttccttca 420
 gccccggggg gntcccccta gttctaggag cggnccccac cgggtgggat 470

<210> 903
 <211> 439
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T62857

<220>
 <221> unsure
 <222> (1)..(439)
 <223> n = a or c or g or t

<400> 903
 caatctnaaa aaaatatattt cattatgttt attataaaaa tataaatggt tccactacaa 60
 atcattttac attagtaaga ggccatctac attgtacaac ataaactgag taatattttg 120
 aaaagacaag tttaaagtaa acacatattg ccaatcatat cacatttata catggcttga 180
 ttgatattta gcacagcata aactgagtga gttaccagaa ataaataata tatgtaaatc 240
 aaatttaaga tacaaaacag ntcatatggg tacataacat catgtaggga gttgtggcct 300
 ttatgtttac tgaaagtcaa tgcagttccc tgtaccaaag ggatggccgt aggcattcta 360
 ggtaccctct nctccctggg ttaggggaatc cgtacactta tggtttacca tatggtccgg 420
 gggtagggan ttgtggtaa 439

<210> 904
 <211> 450
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T62873

<220>
 <221> unsure
 <222> (1)..(450)
 <223> n = a or c or g or t

<400> 904
 ttttttnacga gacagagctc agttctgtcg cccagactgg aatgcagtgg tatgatcttg 60
 gctcactgca gcctcgactt ctcggttaca agcaattctc ccacctcagc ccctggngta 120
 gctgggacta caggagtata ccaccatgcc caactcggtt ttatatattt atagaaatgg 180
 tntctcacca tattaccag gctggtctca aactcctggg ctcaagcgat ccatctgcct 240
 gccttggtct cccaaagtgc tgggnttaca ggtgtgatcc tctgagtctg gccaattttt 300
 atttaaagat attttttaaa ttggactgga cgcggtggct catgcctggt aattaatccc 360
 agcaactttg gggaggccaa ggcggtgatg ctttagacca gcctggggta acatgggcaa 420
 gaccccntct ctaaaaaacc aaaanaaggg 450

<210> 905
 <211> 237
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T62918

<220>
 <221> unsure
 <222> (1)..(237)
 <223> n = a or c or g or t

<400> 905
 tttttttaag aatcttcttg gcctctttat taagagccct ctgccttncc aggggagggg 60
 agcaaactct tcagggcccc cagagttcct gcaccccata tcatgggtga gnctaccagc 120
 cacagagcca cccgtcaccg tggagaggct taagntgcac tcagagctcc ccccgggcat 180
 gccgaatgta gtgttgatgc agccctgctt cctgagcaaa gtccctgaccg cactctg 237

<210> 906
 <211> 301
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T64211

<220>
 <221> unsure
 <222> (1)..(301)
 <223> n = a or c or g or t

<400> 906
 ttttttnntt tgtggatttt ctttttaatg caaaatgttg caatacaaaa caatgtggag 60
 aaagcctgtt cctcaggcac tgaaggagg agtgaggaag agaggacaga gctggacgtc 120
 tcctcctatt tctccctccc caagtcactc tgaggggaag aacactgctg cctgctccct 180
 gggcctgccg catacaaggt tagagccctg ggtctggggc atccttagcc tgaaatttgt 240
 tgacatgggg caggagagca ggagggaaca ttgagggttt tgactcttcg ggctctaaaa 300
 g 301

<210> 907
 <211> 290
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T64223

<220>
 <221> unsure
 <222> (1)..(290)
 <223> n = a or c or g or t

<400> 907
 gaatttnana gcattaagtg cattttatatt tattgtatta gcacataaat tgatgaagcc 60
 acatgggtgaa aatctgtgag aaactgaagg ttttcatttg ttttctgtgc cccactgtat 120
 atcacctttc aaaataatgc tttctgctgg gtccaaactt cacttggagc aaagaaaggt 180
 agttaaaagg tttcacttaa agctacttcg ttatgggtgc tactgaaagt aaggtaaaag 240
 caaacagcag taacatgggg actttaantg aggcaagaga agggattcag 290

<210> 908
 <211> 257
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T65802

<220>
 <221> unsure
 <222> (1)..(257)
 <223> n = a or c or g or t

<400> 908
 gtcaaaanggt gacaatttta atgactttat caagccttag gacagagatg agagaaacac 60
 ctttccaatg atgcatcaag ttaacgtcta agcaaaagat cagcagagat cagagattgt 120
 tgggtacaca cgtatcttgt gatgtcttct gagaaccaac ttattcctct ttctctgaga 180
 agaacttgac ccctcgccc ggggctgagt gcttggcagc cacatttgtg ttgagatctt 240
 gattcctgct ctaacta 257

<210> 909
 <211> 445
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T67053

<220>
 <221> unsure
 <222> (1)..(445)
 <223> n = a or c or g or t

<400> 909
 ttctggttgt caatgaggat atttattggg gtttcatgag tgcagggaga agggctggat 60
 gacttgggat ggggagagag acccctcccc tgggatccct gcagctccag ggtncctgg 120
 gtnggggttag agttgggaac ctatgaacat tctntagggg ccactntctt ctccacgggtg 180
 ctcccttcat gcgtgacctg gcancntag cttctgtggg acttccactg ctccggcgctc 240
 aggctcaggt agctgctggc cgcgtacttn ttgttgctct gtttggaggg tttgggtggtc 300
 tccactcccn ccttnacggg gctgccatct gccttccagg gcactntcac agctcccggg 360
 tagaagtcac tgatcagaca cactagtgtg gccttggttg cttggagctc ctccagaggan 420

ggcggaaca gagttacagt gggga

445

<210> 910

<211> 444

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T67105

<220>

<221> unsure

<222> (1)..(444)

<223> n = a or c or g or t

<400> 910

ttancaaaca tttattgatt gcacaatgaa acaatctctc ctttcagata tatacatcag 60
tttactaaaa gagtagatac aaagggtcagg aagtaattac aatgcaatgt gataagttta 120
ataatatagg tttgacagca tacagnggag ggggtgattg gggttnaggat gatgggtggga 180
tattggccag gtaatatctc atggaccaag tgatgacaac atagggtttc acagatggat 240
aagagtcttc caagnttacc aggggggaaat atacatgtgt ggggtgcaaa acagagtatg 300
gcatttcctg anagtcagan nttnatataa gagtataaag tncaagagaa tgggataagt 360
agctagggag gtaaggccag acaggntagg cnagtcctag gggcctttca ggccatgggn 420
agganaacgt ggggcttcac ccta 444

<210> 911

<211> 244

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T68873

<220>

<221> unsure

<222> (1)..(244)

<223> n = a or c or g or t

<400> 911

nttttttttt ttttcaagtc aaaactgttt tattgtcngt ttacatatatt aatagaaaaa 60
ggaatgtagc aaatgctcag ggttgatga aaaaaaaatc caggtttggt caggttgctc 120
tgtttacatc tgggagcagg gctgtcccca catcaggcac agcagctgca cttctccgac 180
gcccctttgc agacgcagcc ctgggacact tggcacagcc atggnagacc aggagcagca 240
gctc 244

<210> 912

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T73433

<220>

<221> unsure

<222> (1)..(346)

<223> n = a or c or g or t

<400> 912

gggagaaaata accagctatt gttccgcatt caaacagaaa ttcaggtgct tgcattcttc 60
acgtattgtt caaaaatcac aagcatctgt ggaaaaaaac taaggattta cagacactac 120
acggagggtca tgttcttaca ttcaagacac taaatacaaaa ccgangcant gcaaaattgt 180

atactttaat tttaaaaccc antttttggt ctcaacttga aaagggnaac acttttttgt 240
 ttcacaaaca agctgggtcg gggtgggant tctttttggg aacagtaggt cccgcgctaa 300
 aacttgggtt ctgcctccc caccctntt ctctaaaatn aaccca 346

<210> 913
 <211> 475
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T78398

<220>
 <221> unsure
 <222> (1)..(475)
 <223> n = a or c or g or t

<400> 913
 agtattgggt gtagttttat ctgtcctttt tttattcctt taattttaaaa aaaaaaaacc 60
 tttaaactag gcaaaattac tttcctttta acaaaaacca cattttcatg ccttctgata 120
 actttttctta aaccaaaaac atgtcctact tcccttatac actttcgtat gagaattttt 180
 tctcttgtat ttagtaattt caattatata cattttattac aatgttaact tttaggtaac 240
 tcttattttt aggtgaaaaa ccttgggagg gtaggccgtt ttaattatgg taccaggatg 300
 gcaaagggtc aggaacaagg ggaccaagcg ggggaggctg ggcctagggt cataggcctt 360
 aaaaacttta aatcttaagg gataaagggg nggggggnac ggtggggcct cacggncctg 420
 ttaatcccgg tgggttgggg gaggggagcg tgggggtggg gntcacnggg ggtca 475

<210> 914
 <211> 445
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T79768

<220>
 <221> unsure
 <222> (1)..(445)
 <223> n = a or c or g or t

<400> 914
 ttttaagaca actacaaact ttcaatattg gaggtagctg cagagatcat ggtaactgac 60
 tttttcacag atgaggaatt taaggccag aggaaggtaa tatcagaatt agtgacctcc 120
 gcacccagca cacacacagg acaggggaaa ggggtgggaga gatgcatgca ctgggacctt 180
 gggatagatt caagataccc ttgctggggg aggggtggggc tggccgtag ttctaactca 240
 gtcttctcag tgccacctcc agcccctgtg ggtctttatg ggggccaac tctttatcca 300
 tctttccttg gggatgatgg agggcatggt cgccagcatt aaggatcttc ccagnacag 360
 gatggcacgg ccccggcct tctttgatat tattaggtgg gcttctgggg gntttcttcc 420
 ctgccgncct tccacaactc agggc 445

<210> 915
 <211> 398
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T79868

<220>
 <221> unsure
 <222> (1)..(398)
 <223> n = a or c or g or t

<400> 915
 tgagatggca acactgcttt attaggccgg gcagccagga gcagacacac ggctcctcag 60
 tacacattcc cccacccctg cctcgggtgct cccactcag ggctgggcat ggagggggca 120
 gcgtaggtct ggaagcgctt gtcncngctg gtgcgtgang ntctcaggga catggtntcc 180
 acggccatct ccagcccggg ctgctgggtt atctccactg tgtagtcatt ggccagctgc 240
 agggaggcca gcatggaacg acacacctcg aaggccggct gnagnccacc agntccgcaa 300
 agggacacca ctcatagagc tgggggaacc ntgagaccag ntggtnccca taggtttggg 360
 atntcaaagg gcacatnctt gctnctgctc ctgggaca 398

<210> 916

<211> 272

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T82292

<220>

<221> unsure

<222> (1)..(272)

<223> n = a or c or g or t

<400> 916
 ttttttatgt gtaagaagta ctttaatagc tcaaactcag agtcatcgtg ctcccaattc 60
 caaagagatt cctaaaagag gcaacttcgg ccgtttgaga agccagcgtc caccacccn 120
 nnnctctgtg cattgacctt tgggtgctga cttggagaaa agcacaaaaca cgaccagtcc 180
 catnctggct ccgctgggct ntcttctatc tacgcattgt atcgactgca ttagttggac 240
 taagatgatg actcagttaa aggaggagac aa 272

<210> 917

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T85532

<220>

<221> unsure

<222> (1)..(408)

<223> n = a or c or g or t

<400> 917
 atcgcttgag gccacgagtt caagatgagg ttggcaacat agtaagacct catcactaca 60
 attttttttt ttttaaatta gtgaagtgtg gtactgcaca cccgaagtcc cagctacttg 120
 ggaggctgag gcaggaggat tgcttaagcc cagaaatttg aggctgcagt gagccatgat 180
 tgcaccacta tgctccagag tctaggcaac agagtgcagc cttatctctt taaaacaaac 240
 aagaatgaag ttaggtatct gtttatttgt ttgagccatt tgtatttcct tttttgtagg 300
 actgtcctgt ttnaaacgtt aaaatcactg ctgtngggtt tngattttta catctcagct 360
 gggatgggca ccaattaaat tatttnaggc cctgggttat tgnaaaat 408

<210> 918

<211> 500

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T86121

<220>

<221> unsure

<222> (1)..(500)

<223> n = a or c or g or t

<400> 918

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cggaacacaga tttgtactga gccagacact ctctattccc cttggtgcaa accctaaaaa 180
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cctgtaacaa tacatacatg ctccaaccac atagggcaac ctaactacag aaatgactgg 300
gcagcaaaat actagcttca tgcccacttt gtatctactt ggatctttta tgggctcaac 360
cccggggagt tgacctcttt tagggggagg ccttctaatt ttttcaccaa canctttctn 420
aatacacaca ggnttacanc tttcaaccat gctctctgat ggagggttagg tggctctcca 480
aaaacacata ttggtttacc 500
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<210> 919

<211> 459

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T86148

<220>

<221> unsure

<222> (1)..(459)

<223> n = a or c or g or t

<400> 919

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agtcttatca gactgtgtac tggagccccg tgtcatcagc aaaagccgtg tgagtcaaca 180
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ttgttagtggt acagaggagg aaacgcaggg ttctgccttg gggagnatga cagnccacag 360
cgcttggggT nccgtcaggg ctttcgtgtn cagtttagcgt ttcacaaact ngaggaggag 420
tattaaaana gcccaaacc caaagtttct ttttttcaa 459
```

<210> 920

<211> 375

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T87533

<220>

<221> unsure

<222> (1)..(375)

<223> n = a or c or g or t

<400> 920

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catgaagaaa taggaaatac cagtgaagttg ttaccagcgt tgccccaggc tgggagagcc 120
cttcacagctt tcttttggtc tctgacaccc ctgccccact gaccgcccac cccccattcc 180
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ctcctccttg gacaaagcat acgtgacccc ttgtcaggtt tcttggtggt gtgctcccc 300
agagtttggc tcctgcccc accaagcatg catgggtgac aatgcaccca cttgataact 360
gatcactggg ggtca 375
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<210> 921

<211> 357

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T89160

<220>

<221> unsure

<222> (1)..(357)

<223> n = a or c or g or t

<400> 921

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catggcagaa agtgagaggg tgagagaggg acaagggagg ggaactgaac tcattccttt 180
atcagtaacc cactcctgca ataactaatc cactcccaca ataacaacat taatctattc 240
atgagggcag agctntcatg acctagtcac ttcttaaagg ttctacctta actccattgc 300
tttgggggat taaatttcaa catattaaac ccttgggagg gacacattcc aaaccac 357
```

<210> 922

<211> 210

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T89243

<400> 922

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gcacccctga aatcaattcc atatcatggt tgaatgccat acattttgca catgtactgt 60
acataagtaa tgcatactgt atttttatat gtgtgcacat ttatcatcag atcttttgta 120
catagtggca gtattgtagc tgatcgggaa atgtttgata tctcagcaat tttgcatttt 180
tgtgtctcaa ataaaagaca ttttgatgta 210
```

<210> 923

<211> 494

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T89703

<220>

<221> unsure

<222> (1)..(494)

<223> n = a or c or g or t

<400> 923

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nttaaatata aacacagcaa gttccacccc agtcctatct gtccaaggct gcatgggtcaa 120
atggaatctt gaagagaaca cctggncaac agagcanctn tcagcgacgt ctccgggtctg 180
gacttctgct gcgtcttcgg ccacctctcc ncttgccctt tgggtggaccc cgaacaaaac 240
accagtcaac ggtgatgggc tgtcccatca aatcctgggc cattgagtcc ctccatagca 300
gcctggggct tccttgtagt tttcatattc agctaggagt ataccctgt cagatattct 360
gttcgcctgt cgagggttag gatgaatgtt ttttaatttc ccatattctg cggaatttgt 420
cgtgtatgtn ttctgcggna ggcttctctc tggacttcca gttacaaaga gantccagnc 480
ttcagcagag cggt 494
```

<210> 924

<211> 255

<212> DNA

<213> Homo sapiens

<220>

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tattgtttta	aaggagagca	tcctaagtta	ataggaacca	aaaaataatg	atgggcagaa	3840
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agaaagcaaa	aaaataaaac	cacaattgag	atgtgccttt	caaaccctca	ggtttgcctc	5040
taaccaggtg	tccttggtca	ccatcagagt	actggaatac	gggaaccgag	gaggaccttg	5100
gtccctttgt	ttttgttctg	gactcttggt	agtggaaatg	ggatgagttt	atccactgga	5160
gcttaagtcc	catgcatttg	ctccagaaag				5190

<210> 982

<211> 3496

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. U69263

<400> 982

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ggacccaccc	gcagacggcc	cttctggaga	gttctgtgta	gaacaagcgg	gcagacctgg	300
ttttcatcat	tgacagctct	cgcagtgtca	acacccatga	ctatgcaaag	gtcaaggagt	360
tcacgtgga	catcttgcaa	ttcttgga	ttggtcctga	tgtaaccgga	gtgggcctgc	420
tccaatatgg	cagcactgtc	agaatgagt	tctccctcaa	gaccttcaag	aggaagtccg	480
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cctgcagaag	gatcaactac	tgtgcactga	acaaaccggg	ctgtgagcat	gagtgcgtca	1380
acatggagga	gagctactac	tgccgctgcc	accgtggcta	cactctggac	cccaatggca	1440
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<223> Genbank Accession No. T90038

<220>

<221> unsure

<222> (1)..(255)

<223> n = a or c or g or t

<400> 924

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cagcagttga aaggantatg ggtttaacat ccaccantga ccaggngtgg acagntcctt 180
ttccaggngg actgagtcga tagtgggntt aaaaacatcc ctgtaattct tctagcttcc 240
ttcatccaan ttacc 255
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<210> 925

<211> 391

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T90190

<220>

<221> unsure

<222> (1)..(391)

<223> n = a or c or g or t

<400> 925

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agaagtaggc gttcgctaata ttcttcttgg gcgcccgttc ttaggcttga caaccttggg 120
cttagcggcc ttggnntcac agccttagca gcacttttgg cagctttctt gggcttcgca 180
accttggcct tctttgggct cttagcactt tcttgggtac agtggccgag gcggctntct 240
tcgctttctt cggngttttt ttagcgtctt tcttcggagt tgcgcccga gccgcccctc 300
ttgggcttct tggctncccc aactggcttc ttaggtttgg gtccgcccgc cttttnaacc 360
ntggggcttg gncttccccg gagcttgctt t 391
```

<210> 926

<211> 483

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. T90619

<220>

<221> unsure

<222> (1)..(483)

<223> n = a or c or g or t

<400> 926

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gannntnntg ggctcggcgt ggtggtgaag ctgtagcctc gctcagtga gatctncatg 60
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tcggtacgaa tgggcaccgt gtgggtgacc ccgtctccag agtccatgac aatgccagtg 180
gtgcgcccag aggtangagg gacagcacgg cctggatggc acgtacatgg ccgggggtgt 240
gaaggtctca aacataatct gagtcatctt ctctctgttg gccttggggg tcaggggggc 300
ctcggtcagc agcactgggt ctctctccgg ggccacgcgc anttcgtttg tagaaggtgt 360
nggtgccaga tctttctcca tgtccgtccc agtttgggtga cgatgccatg cttcaatggg 420
gtantttcag ggtcaggatg ccangtttgc tcttgggcct tcgttcgcca cgtaggggaat 480
tct 483
```

<210> 927

<211> 233

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T90889

<220>
<221> unsure
<222> (1)..(224)
<223> n = a or c or g or t

<400> 927
natgaacagt atataatcta atctcttttaa ttttatgtac atgaatataa tgtatgtcaa 60
ctttgtacat gagatacata tagtatttaa acattttact caacaaacaa gaatttataa 120
tagcaatata actgactaga gggctatcaa ctttaataata cttagattag atctgtactt 180
taataggaaa agaatttaaat agttttacaat catagaaaca ctgacattta aaa 233

<210> 928
<211> 305
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T94447

<220>
<221> unsure
<222> (1)..(305)
<223> n = a or c or g or t

<400> 928
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ggagcttgga cttgggtggc gtcacgggtgc tggcagacga gggctcttcc aggaaccctt 120
tgctagaatc agccctcata caagtgtgct cagagatccc aggagcgatg gcacccctcc 180
gaagtcacta ccccatatg tctccttggg cttcttcccc ctctctttct ggaacctgac 240
caggcagaac gcagcaactg ncagcaacag cagccccagg gagcaccaca atcagagntc 300
cggcc 305

<210> 929
<211> 302
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T95005

<400> 929
ctttattgaa aacattgagt gcagaaataa accctgctca tgaatgggaa aattcaattt 60
tacacaggtg ctgattttat ccagactgat ctatagattc agctgggttc cattctacat 120
ctcaaggggt ttttgggggg aatttgacaa gctgattctc aaggttacat ggaagagcaa 180
gggccgagac tagagtttag gagatgattc ccaaaggcac aggggcagaa aaatgaccag 240
tggaaccaca tagaaaaatc aattattgta ttttcaatgg atcactaggc agcaggggaa 300
ag 302

<210> 930
<211> 352
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. T96171

<220>
 <221> unsure
 <222> (1) .. (352)
 <223> n = a or c or g or t

<400> 930
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 cccaaagtcc tgggattata ggcatgagca ctgtgcccag cccatagatg gcttttatta 120
 ccttaaggta tgtcatgagt aaccttttaa ttctccataa aattaattat tgtgtttttt 180
 gtttgcttgg ttttctatga ccctatcata aattcaactc caaactctgc accaattttt 240
 tttaaacttt actcaagaat ttagggccac ataaacattc caacaaattt gtcttcgtag 300
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<210> 931
 <211> 358
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T97243

<220>
 <221> unsure
 <222> (1) .. (358)
 <223> n = a or c or g or t

<400> 931
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 gagaaaaccc aggaagtggg ggggtggggg gtggggagag gttttataaa taaaaaaccc 120
 cgagcagctt ttcagaggca gaggagctaa gagaagcagc agtccaaagt gaggaaggga 180
 gtgtgtggct cctgggacct gccccttgct ccctcactca cagctgctcg taaacacccc 240
 tttcaaaagg ggctgcaccc tttggatatc tgcttcttcc tcttggtccc tggggacggc 300
 aactagctct ggcttcaatc ccctacaaaa attcctgaga tcttcggggg accccagc 358

<210> 932
 <211> 348
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T98019

<220>
 <221> unsure
 <222> (1) .. (348)
 <223> n = a or c or g or t

<400> 932
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 tccaattcca cgagcagccg agctcgctcc aagtcatgcc ggagccgctg ccaggacttg 120
 agctgttctt taaggggcca gttcttatcc tcagaatctc tctgtagagg caaaacgaag 180
 atcagaggat gattagaaag ccagaggaaa ggtcaacagg gagaagagag cccagggaag 240
 ctgaggtcaa gccaaaagag ggagcacagt aatttatgtg gtagttgcct caatctgtgt 300
 tttccccaag gccttgggaa gaattaaatt cttttgggtat tgnntttt 348

<210> 933
 <211> 307
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T98288

<220>
 <221> unsure
 <222> (1)..(307)
 <223> n = a or c or g or t

<400> 933
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 gctactggca tgcacccacc ctgataggng ttttttattt tttagggatg gggctcttgct 180
 atattgcaca ggccagtctt gaaccctggg gctcaggcaa tccctccacc tcagcctcct 240
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 gagacag 307

<210> 934
 <211> 160
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. T99373

<400> 934
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 actgtacagc tgctttaagg cacagcatgt ttatcaatat 160

<210> 935
 <211> 3632
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. U00672

<400> 935
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 cgctcatggg acagagctgc ccagccctcc gtctgtgtgg tttgaagcag aattttttcca 180
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 gcgggctgtg gacggcagcc ggcactccaa ctggaccgtc accaacaccc gcttctctgt 420
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<213> Homo sapiens

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<213> Homo sapiens

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<223> Genbank Accession No. U53445

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<213> Homo sapiens

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<223> Genbank Accession No. U55209

<400> 973

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<213> Homo sapiens

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<223> Genbank Accession No. U57316

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<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. U57623

<400> 975

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<213> Homo sapiens

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<223> Genbank Accession No. U72649

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<223> Genbank Accession No. U75272

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<211> 1909

<212> DNA

<213> Homo sapiens

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 <213> Homo sapiens

<220>
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<211> 159
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. V00563

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<210> 992
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. V00594

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 <212> DNA
 <213> Homo sapiens

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<210> 994

<211> 448

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. W02204

<220>

<221> unsure

<222> (1)..(448)

<223> n = a or c or g or t

<400> 994

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<212> DNA
<213> Homo sapiens

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<220>
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<211> 870
<212> DNA
<213> Homo sapiens

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<223> Genbank Accession No. W28548

<220>
<221> unsure
<222> (1)..(870)
<223> n = a or c or g or t

<400> 997
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<211> 296

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. W31470

<220>

<221> unsure

<222> (1)..(296)

<223> n = a or c or g or t

<400> 998

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cgggcgcgaga gggcggtttat tnggacctgt ccttcccagc cgctgcttgt ccaggttcag 60
cgctctccgc gggtgaggca aggaanncgn ngagacgcnc gagccggtca ccacaaggtc 120
cgccctggacc cggccggtca cggacgtacc tactggatgc agatgggtcca gggatctggg 180
ggtcctggga gagtgggtgtg tggactgcgg gccacagctgg acaaaggcag gggcttcctc 240
agaagctctg ctggtcacgc aggcgtccgg cccacggctt tcaacagccc tgcaag 296

```

<210> 999

<211> 353

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W33172

<220>

<221> unsure

<222> (1)..(353)

<223> n = a or c or g or t

<400> 999

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tttttttaga ttggtagagg tggtttatgt gcccatagc caagagaggt gtgcaccaag 60
gaggatatca tcaaattctga caatctggaa agcctttgaa actgttcttt tcctaagcac 120
agtattcagc tgtgtcctct tgaaccata tctatcaggt caacagcttt agccatttcc 180
acatgatatt ggctgtgggt ttgtcatata tagctcttat tattttgaga aaccgttcta 240
tcaataccta gtttattgag agtttttaag catgaaaggg ccttttgaaa tttttggtcg 300
nacgggcctt ttcttggaac tcctatttga gnataaatcc aagccgggtt ttt 353

```

<210> 1000

<211> 437

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W33179

<400> 1000

```
tttttttttt attttcataa cttgcttctg ttgatttttt ttttttgtaa aactttccca 60
agacattttc agacttaaaa ataaagtcag tgttacaggt gctggtcagc cttcttactt 120
gtacctcaaa cactgggata aaggaggcgg tccagggcaa tgcagtgatg tctgtcaaga 180
cattccccct cccctaaact cagtagcagt tgaggatgac atttcaggct agagagaccc 240
aaaatacctc tgttccacct gagagcaagg tggaagttgc atcagctact gccccaaagt 300
agcttcctct tctgattgtg ggctttggag gaacgagaga actggctctt gggcactgtg 360
gaggggtaca gctttgccac tcaaataatac cttattgtgg gcattcaggg agccaggggc 420
cagagctgca gggtctgc                                     437
```

<210> 1001

<211> 506

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W37384

<220>

<221> unsure

<222> (1) .. (506)

<223> n = a or c or g or t

<400> 1001

```
ttttttttac acctttctat tttttatttt ttacatcaaa caggtaatgt gatgatgctg 60
taacaagggt tgagggaagc atatctgaca catgagcatg aaaccaaata accatgctta 120
tggaactaaa aaggacctaa gccttttaaa ctgactgtgc tcaactgtgc attaatatg 180
tatttagata taggatatgt gcttgggaaa atgtataact aaactttatg tcttacttct 240
caaacttaag aaaaacaaaa acatctagca acatcttaca tgagttttcc attacctagt 300
gttacatcat tgttaaaatc atactctaag cctatatatt accttaatgn tatccgggtc 360
ctagaatagt tattccntta acacttattt ttaaggaata aatttaattt acntggagg 420
acctaaaccc caggaaataa ttttttccaa cggtaggagg tacagccctt tataataggn 480
taggtccngg attgggtccc tcgggg                                     506
```

<210> 1002

<211> 383

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W37778

<220>

<221> unsure

<222> (1) .. (383)

<223> n = a or c or g or t

<400> 1002

```
agaggttttt tattcggccg ggagcatcag cagactcgca tcttaagagc cgagctcccc 60
gaaaaagaaa ttcctagccc tttgaaggnt tgacaactct aaggggtcta cgtgaaagag 120
tcataataga tcaagtaagt gtgaggaatg tgactgtggg ctacctacat cagctaacag 180
tacaaaaagt tttacagtgc tttctcacac aatgtctgga atttacagat aacaccagta 240
ngttttggtc aggggttaat attattatca ttctaaccac cagggccagg tgggtggcgc 300
aagtcgtct agctatttat ctttctctg tttctttcca actttttgct ttctcccttt 360
tctcctgtct tataaactag gga                                     383
```

<210> 1003

<211> 374

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W42483

<400> 1003

```
agcacaacac tcatcttttta tttattttatt attttttttt actaaggcac atgacgtaga 60
aatattgagg tacaaaaatgc aaattttctgc ataagatttt taagatattc attttggaaa 120
atgaaggtga acatcatctc ccagaatatt cagcttttag cttgtttttt cttttggacc 180
agttcaacca gcaacttgta cctagcgata cagtcttcct tgctcttgga cgggacacat 240
ctggctatth tgtcccagcg gtcagaggat ccccttgggt actgctgcaa cgccagttcc 300
agaagtttct gttgattttg agtccacggc tcctctgcag accgagctct ctcttttctc 360
aggtctcct cgtc 374
```

<210> 1004

<211> 383

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W42778

<400> 1004

```
gaaaacaaaa atttattgct tctccttcca aagctttgtg aattttacaaa aaaaaggatg 60
aaagtthtaca aactgcttag ttccaactaa gcataagagg tgagaacgta cactgcaggg 120
ccaccagcag cagctgtgca ctcgatcggt aaaactggct cccccagact tgtagtgctg 180
tcttcagggg gctgcattcc ttacacgcca cctcttggtg catagggtcat tgggtcaagcc 240
gctggaatgc tacagagggt tttttgggtt tgagaggctt ttttttggtt tgccttccta 300
ctataaaagc gaaattttca gttcatttct gaaaaataaa ttgggtcaata aattcatttt 360
gttctgcttc tacttttacac aaa 383
```

<210> 1005

<211> 377

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W44558

<220>

<221> unsure

<222> (1) .. (377)

<223> n = a or c or g or t

<400> 1005

```
tttttccaga aatgcttttc cttttatttc agaagaaagg acataaaggc agacacttcc 60
ccctccctn ctgncannnc nnngaggtnt nggttnaccc agaactggag tnaaaggcca 120
gggcaggacc aggttccata aagcttgccc ttcccccaac ccttccttcc ctcaaagtgg 180
caagggttaga aaaaaattaa ctatgttggt cctccctggc actggataaa ggccccactg 240
cagccaagga gaaagagggg ggtccaggct cccctcccan ggcagagaag ctgctggctn 300
ggctacnggg gaggggtggg gtggaggtag gttatgggac agagaggaca agaagtgcc 360
tgaacacctt ttccctt 377
```

<210> 1006

<211> 476

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W44760

<400> 1006

```
ttttttctgg taacagcatg ttttaatttat tattattgca aaagaacagt ttttctcatg 60
```



```

attagtgaag tagaaaactc acaatatact taagagtctg ccccaaacc attacaaagg 120
ggttgagaga agagagaagc agaaaccaa agagaaacag aagtaataat cagttatcac 180
atgattttta tagtaacaa tagaatatga tgtgcaatag tgcaattttc ctttgctagt 240
ccagcaatgc aagtaagtct taataggaag tccactgtgt tactttttgt atttcgggat 300
ttagttgctg gcttgccggg ggttcgagtt cctgccagac ttctgactct gagggaatc 360
actattgcta gaatcacttt tactgagtc aagatgacga agcttcatat cccagcgctt 420
aactttttta ccgagtcgat ccttccactt ctcagctata gagccttcca ccaaga 476

```

<210> 1007

<211> 402

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W45531

<400> 1007

```

tttttttttt tttgaaattt gataaatgtt tattgacttg ctgattcaaa aaaacagtgt 60
agctgagaag tctgatcagc tcagaaaaga gtggaatttg gcaacaaata tgttatccaa 120
caaaatctga gtaattttatc accttttaac atcttcaaca tatttataat ataaatattt 180
tttaaaaaac cgattattaa actaatactc ccttggaga acaagaggac taattttcgg 240
tgacgacaga cttgtgctga tccatcatct ggaactccta aagacctgaa tggctgactg 300
ggattagtga ctactatctg gttttactgg ttttactcta ctaagcccat gattttgtgg 360
ttttaaccaa ttaagaaat tatcccaag cacaataaaa at 402

```

<210> 1008

<211> 534

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W45664

<220>

<221> unsure

<222> (1)..(534)

<223> n = a or c or g or t

<400> 1008

```

ttttttccta aagtcattta ttttcttcga gaactctgga cattccataa ctgggtgtgt 60
agtatgagta gaatgaattc agtgctagcc tcttgctgga gagggacaag tgcaggttta 120
gaattacagc ttatgttaga aggttctctt ctcacgata ccttcattgtt agaagaaaga 180
ggacagaggc agagctgatg gaatctcata aaataacagc taatgccgtg tgcaggcac 240
tatgcttaac aagtatctgt ttaacatgtg taaatgctct ttagctcttg cttttctata 300
atataaaaca gtccctgggag tccgtgtctt ccccttctt tctctcgtgt cttttggact 360
gtcttttngc agcctctggc ctttctcatt atctactaca gcttgctacc tgactcatca 420
aaggcacatg ggtgttgcaa gagaggatgg gaaccgggtg gtttatacca ttaactgggc 480
cattataaca gggagctata aggtggaaaa ataggagncc aggaaataaa gccg 534

```

<210> 1009

<211> 444

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W46395

<220>

<221> unsure

<222> (1)..(444)

<223> n = a or c or g or t

<400> 1009

```

ttttttgcac ttgccccaca caggacagtg gagccccacc tggtcagttc cacttccggg 60
ctcccatgca cttgccccag ggggcctctt tgggacgggg atggtttgag gaaacacttt 120
taaagaaaaa aggaagacat tgaaagggtt tagtttcttc cctatctgca tgcctctca 180
tatagaaagc ccagaattag gggctagaac tccaggagag ggtctccccg actcatctct 240
tgctgacggg caccaggatg cagaaatagg gagatgggta gtgggggcca aagatgcccc 300
ctcccaggcc ttctgtggtt cctcctccgc cccctgcaat ctttgggagg agtcagtgcc 360
tactccagc agtgagtgcc tactgtatgc aggtagtcag ccaggcaaag agagactaac 420
ggtctcatgg gggaacctct tgan 444

```

<210> 1010

<211> 489

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W49708

<400> 1010

```

ttttttcacc gcagagatgt ttttattgaa atgcatgtta tgagtaacac atgaactccc 60
tctggcccag gtgggacttc ttccctcata ggtgggtcag gccagtgagg acagtcttgg 120
tggtggtaag aaggagagcca agtgacagaa ggtctccaag gcataggaga tgggtgtccg 180
tgagtctggg gaaccgagga ttatgaagcc tgctggaagc cttggtatgg tatggttctt 240
ctcagctgtg gctgcagatt tctcttcatt ggctgcctcc tctgaaaaca gactcctctt 300
ttctgcaatt aatcttttaa ctctaccat ccactgactt gacctcagtc acatggtcaa 360
ccatgagggg gcggtggatg tcatctgctg cgtcccaccg gtggcttgaa aagctcttgc 420
accagtagag ccattctctt ctttacaggg tattgacaac tttcctccaa gccactgtt 480
ccttgcaag 489

```

<210> 1011

<211> 678

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W51743

<220>

<221> unsure

<222> (1)..(678)

<223> n = a or c or g or t

<400> 1011

```

cacaaaaaaa aaatcactaa aaattccac aaatcttggt tctggcactt tagaaaaact 60
gcaaaaaaat acgtaataaa gaatacatat atatatatct acacacaaat tatatatcta 120
tctatctata cagcgggaacc acaagagaga ctgaggaagg cctggaggca ggggcagagg 180
tgacgacagt gccctatat ccttaaccca tactcctctg aggcaaacag gcatgggaaa 240
atggaagggt tgaggatgga ccggagaatt ggaacttcag aatagggtcaa aattccaaaa 300
ccatggacat ttttttttgg gagaattgag attgtagaca tttttttttt cttaaatatg 360
atcaaggaaa atagcttcca gaatgtggtg gttctgggca acaaatgaga ttgtggcgac 420
gtggagatta aaatatatgt atttgagctg ggggaatttg atattgtgag ttccagatgt 480
tggaattttg ggattttgca gttttgtctt ttgaaaatga tcaagtcttg tcagttcgtg 540
ccctctttcc ccatgttccc tgggaagacg ggtgggtggc gagtgagaag gccactgggc 600
tgtgccgcac acgcaaaatt tagaatctcc agctagctct atcgtgtgag gnccagatta 660
gggaantgcc atattacc 678

```

<210> 1012

<211> 453

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W52065

<220>

<221> unsure

<222> (1) .. (453)

<223> n = a or c or g or t

<400> 1012

```
tttttttttt ttttttcaga ggtcaaatca cttttattct ttaaggattc agtgtaacat 60
ccttttcttt aataaaataa ttaaactctg gcagaaatta acttattcaa aaagtcatac 120
taatactttg ttatgacttt ttatagaaaa acaaacttta tttttttatt tttttgagat 180
ggagtcttgc tctgtcacct aggtctggagc gcaatggcac gatctcagct cactgtagcc 240
tccacctccc aggttcaagc gattccccctg ccttagcctc ccgagtagct ggaattacag 300
gtgtgcgcta ccatgcctgg gctaattttt gtatttttag tagagatggg gtttcacat 360
gttgggaagg ctgggttcga actcctgacc tcagggtggat tcaccgcctc tggcctccca 420
aagtggctgg gattataggc gtgacagcct gna 453
```

<210> 1013

<211> 618

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W52493

<220>

<221> unsure

<222> (1) .. (618)

<223> n = a or c or g or t

<400> 1013

```
acttcgggaa cagcgtctgta catacaanat tacaatanac tgattagctg tagactaata 60
aaacatttaa gacttcacac acacacacac acacacacac acacacacac acacacacac 120
acacacacac acacacaatg attggagggc tatatgatcc agcattagct tcctgggtgtg 180
ccaagcatgc ttgatccggg aatttttttt tattattatt attttttagc tgtagctgaa 240
ggcatttctc ggatgtggag aggagaatgg aaatcgcaga accaaatcag tttgccctgc 300
catatttggc tgtggtctgt cattgggcat ttctgatgtg cttttctgga ttcaggaaga 360
gctgattgtc ctccgagggg ttgaaaaaaa aaaacagttt cagaaacctg aatccagggc 420
cttatagttt tcctcattat ctatcttctt ctcccttccc tcgcccaggg ggagtggggg 480
gaaacacttt tcaactgcaga gtttgcttta aagtttttcc cancttgctg gcattatccc 540
ntgatattaa aattaatttc tcagtttaat ccacnctgc tgagaaantg gtgtgagatt 600
aggcngtggg ggtttttt 618
```

<210> 1014

<211> 466

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W52638

<220>

<221> unsure

<222> (1) .. (466)

<223> n = a or c or g or t

<400> 1014

```
ctcagtttgg gaccaaactg cttggatctt tgtaaaaacc cggtttttga tgtcaaggag 60
gagtttaagg cttttccgac caccttgtgt tccccttttc tgcgcacat gtatcacgtg 120
gagttgtccc ttaccacacc tcacgtgccc ctgagcccta tttcctgatt tcttctgggc 180
tggacttccc cggtctccac cagcagctcc agtatcccaa actttctagt cctgctgac 240
ctcccagcaa cggggtggaa actggagggc agtgtctggt ctgttttcta agaaacttat 300
```

gaattctatt atctttacaa atatgagaaa attttttcaa ttttttttat taatcttttt 360
ataaaatgaa aagaaactcc tatgatcgat taaggaaggt gggtatggct ggggtgggtca 420
ggggtttttt tgggttttct tttttttttt cnttgcctt ttaacg 466

<210> 1015

<211> 511

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W52858

<400> 1015

cacggccaaa atccataaag attataaaaag caaactaagt tgtgaagcta tagtacatgt 60
aggcatttag ttaagtatag caattcaaac tgacctgcat ccatccaaaa caaatccctc 120
cttcaacctt atttttactt gaaatttgct agaagaaata gcaaaccoga aatttgtttt 180
atgcatgagt taataccact ggctcagcaa atacaagtta gtttgcttta agcaggtaac 240
tttttttgta atggaacgaa atgcactaca aagttaagac agatttttgc taagtgcagg 300
aggcccttta ttattgctgc agaaaacaaa agcctggctg agttgatgtt ttacattctc 360
ccttactgaa atctacatga catgatgctt cttgctgggt tttgtacat ggtaaacatt 420
gggtcaagctg tgaaagaaaa tgggctggag gtgtgctttg gtgtggaaag ggtgagcaat 480
aaaggtatcc ggttaagtcc cccaaaaaaa a 511

<210> 1016

<211> 426

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W56792

<400> 1016

catcattttt tattgtaaga aaatacacag tttgaaagtg tgaataatgc aatatttatg 60
accaagaaat gggacttagg aaggggaagg aagataaaga aaaagatcaa gatgatctga 120
ttgagagaca gtgttgaact ccaataactg aactggaaaa ggaggagggt ggggaggaac 180
aggaggagga agtaaaaaaa tttgatcaga gaaacagtta aaatacaata tgaaaataag 240
taatacctct ccttaaatte cttctataca caaaatacac gatttgccaa agcccaattt 300
gtgctactgg gattctgtga gtccttaag tgtattcaca tcctctgcaa cagcagaaaa 360
tgattatgat acaatcagaa tatgctgaag acaagttaaa ctcttgccag caggttcctt 420
aaaaat 426

<210> 1017

<211> 426

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W57931

<220>

<221> unsure

<222> (1) .. (426)

<223> n = a or c or g or t

<400> 1017

tttttttttt tttttgggag gcaggagttg cttttttattg acttggaagt gggctcttca 60
gtgaagcccc tttggtnta agagcatttt cctgcttctt ttgttcttcc tgcaacttct 120
gtgccttgag ctgccatgct tgtaatccag cgtccatttc ctgtgacagc agtacaactc 180
gtcttgcaaa cgtctccctt tcagctttttc ttcgaagctg gcctttcatt gggggagcag 240
ggcggccatc cgattatgac cagtctggga gctcggtaag gggcccgtaa gccgganggg 300
ttggcagcca agtccttget gtantcgcca ctggccgccc gcccaagcgg ttacnttgca 360
gtgcaccctt ccggacacct gtgaagagaa cagtccctaa agcagccatg tgagcagcct 420

cgtgcc

426

<210> 1018
<211> 98
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W60186

<400> 1018
aacttacaaa caaaaatacc gtaataataa acccaaacia agaccctcag cttgctgcc 60
cgttctctat gcggtttggc ggggcgggta tttaaaag 98

<210> 1019
<211> 551
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W60649

<220>
<221> unsure
<222> (1)..(551)
<223> n = a or c or g or t

<400> 1019
tggggcccaa tggcgatgtt aataaatata taaaatttta aagatctgga tttccaaggc 60
acaagagttt aacacaggcc aggtctgttc tcacaggaat gactccacgt gtgccccagc 120
atcccaggga ggggagggca acagggggag ggcggggagc cccanggacc tccactctcc 180
aaagggggtt caggccaggc ccnactactc atgttcctcc aggtctggctc agaacagccc 240
ctttgccttg gggaagggaag aagtggagaag cactctctac acctggcagg agtttaggag 300
acatctctca agaccccgga ggtgtccttg gacccctctg cacttctga gagccagagg 360
atcttaagac tnttacctgt ccctttggag gtagcatggc cggcagctga gcacagctca 420
ggccctttac agcaccgttg ggtgaagtgt gtcttcccca ctccagcacc aagccaaggg 480
nttggcaccg tgccctgggg naatttggcc tnggtggccc ttgtcatttc caaggccaag 540
ctatgaatgg a 551

<210> 1020
<211> 597
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W63793

<220>
<221> unsure
<222> (1)..(597)
<223> n = a or c or g or t

<400> 1020
ggaactgaga aaacagcaaa gttgactaaa ttttatattt cttgtcctct aaatatattt 60
ataatttctg gattgatgca gtgatgtttt tgttccttcc gtatttataa atgaaacacc 120
tttttttagt gtttctaaac ctaaaatcta cttgggttga aatcaagtgg ttggaacact 180
gtttgacttt tatttgaagc atgttggtga ttgaaaattt cattgaggaa gttttcaatc 240
agtgtgatca gtttgattct gtaatgagca cagcacctaa tattttgagg agctctgttt 300
tgaggaccaa tgcttaaggt ggactttgtt cgtaaacaa atcccaatag atttggtgac 360
ttgaggtctg gtttggtttt gttttgtttt tgtttgtttt tgttttgttt ccaatagaat 420
taagaattct aatgttgaaa aactgcacaa atttttatgg gacaaagcct agaaaagaga 480
aatgtagttt gaatcataac caaaaccacg gatgatagaa gagggaaagt ttggggccat 540

aattttctcct tcaactggtgt tgacctaaac cggttggaag gaattccggn cccaatt 597

<210> 1021
<211> 447
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W67225

<400> 1021
ttttgtgttc caataaaatt ttattaacaa aatatgacag tggggggggcc acagtttgcc 60
aaacttttgcc ttggaggaca tgcagaggca ccctcagaat tcagtgaata cctgctccca 120
tattgctaag actcatgaag tataatctct catcttcttt ctctttcccc tgcccaagcc 180
ctaagtttag gttcccatcc atataacaaa gacttctggt caggtggcat ttgctatctc 240
tgagattccc tgcccatgaa agccacaaag agatttcttc ttttacacac cctgaagcat 300
attatggccc cagcaaggct aactaaatca aactgtggtt taaaaacaaa acaaaccaac 360
cactgtgaaa tatttatttt tgtttgttag tattaagcat gattaaacca gtgcagaaaa 420
atactaagta cattgggtaa aagatga 447

<210> 1022
<211> 411
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W67577

<220>
<221> unsure
<222> (1)..(411)
<223> n = a or c or g or t

<400> 1022
ctaattacta cctttttattc taatgtgaac catgggacct ggaaagctga taacaagctt 60
ggctgagcag agggaaactag gggtcaggca gaaaggatta tgggntggaa aacattggct 120
cttccttggg nagtggatgc tngggaaaagg ggaagagagt ggctcancct ggaggtataa 180
taggctagaa aagccaaggc caaanctggn gaggggagag gacagtcagc atgtccagcc 240
tggggtcttg gtgtaagggt tateccttct ccttggtgcc tccccatctc gtccatgagc 300
ctaaggtctt gggagcctt tgttgggagg ctgctgtgat gtcagggaac ggggatctgt 360
ctagcttttg gccacttcct ggggacctca caccctgtt tganaaattg g 411

<210> 1023
<211> 473
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W69302

<400> 1023
gcttttcggtg gttccttggt gactgggaat tgcttgtgtg catgtgttgg gtgcatgctt 60
ccgggtctca gctgccccag gcccgcacag gcaaccctt cccatccaaa gccattgggtg 120
gagcttctct ggaatcattt gcaaaaagcc caaggcagaa tccaagggtc caagaccatt 180
tccatggagc tcatgttttt cttttctgta ggaacttttt tttaaccagc acccaccata 240
attccgaagc cacgtttcat ctttcttgga tcaactacgt gaagtattac acgttgtaca 300
cgttccagc ctggccttgg cttgctcgga taaaactttg tatgtatttt gtatggcata 360
gattctatat tgtaatgatg tcctatgcaa aaagagaaat taacgaaatt gtaaatttta 420
ttgttttaac gtgtatgcat gtttagtgac gtttacattt tgaaataaaa ttt 473

<210> 1024
<211> 128

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W70131

<400> 1024
gttttttgac ttcattttatt atataaggaa cctaactcaa attggcttaa gcaattaata 60
aatgttttatt gttacattgt tgtaatgtgg ctggaaatcc agaagtcata caaatctgtc 120
aggattgg 128

<210> 1025
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W70167

<220>
<221> unsure
<222> (1) .. (428)
<223> n = a or c or g or t

<400> 1025
cagttctgtc ccttcgagaa aaacgtggaa tcgacgagga ccttcctgca gacggtgagc 60
agtgagaagg tccgctccac taatctcaac tgctcagtga ttgcggacgt gaggcattgac 120
ggctccgagc cctgcgtcgg acgtgctggt cggagacggg catcgctcga ttatgcgcgg 180
cgtcatctca ccgctctgga aatgctcacc gccttcgcct cccacatccg ggccaggagc 240
gcgggcgagg gcggggacaa gccgggagct gatactggtc gctgacagcg ccaaagagac 300
caacaagatg atttttagcgt ggactaggac acttaaccta agaagagttt cacttaatca 360
ttcaaatcac tatctgaagg gtcacggagc gcaaaataaa gtttaaaaacc ctgctaccaa 420
aaaaaaaa 428

<210> 1026
<211> 359
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W73038

<400> 1026
tttttttttt ttttttaaaa atcagatggg gactttattg tgatgggtggc aggtccacca 60
gcagatgcaa atgtgggggtg ctgagagtgg caacacaggc caccctcaaac caacttcact 120
ccctccctctg tcctcagcca gtacagaagc caaatgtagc cccagcccta gactccagcc 180
caggcagagt ccaagggagg ggtgtcaggg tcagaagtca caggagagccc agtgactatc 240
aaggtggctg agagcaaggc tagggtaggg atggggcaga gaaagggcag ggggtgcagc 300
ccaggtggcc caaagcaaca cagaggagca agggctggca ttcaagtcag caggctccct 359

<210> 1027
<211> 620
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W73790

<220>
<221> unsure
<222> (1) .. (620)
<223> n = a or c or g or t

<400> 1027

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ctggttgaca aagaggggtat ttattgaggg tttactgggt acanggagaa gggctggatg 60
gcttgggatg cagagagaga cccttcccct gggatcctgc agctccaggc ccctttgggt 120
ggggtcgggg ctgggaacct atgaacattc tgcagggggc accgtcttct ccacggtgct 180
cccttcgtgc atgacctggc agctgtagct tctgcgggac ctccactgct cgggcgtcag 240
gctcaggtag ctgctggccg cgtacttgtt gttgctctgt ttggagggcg tggatcatctc 300
cacgccctgg gtgatggggg taccatctgc cttccaggte accgtcaaga ttcccggata 360
aaagtcattc atgagacaca ccagtgtagc cttgttggct tggagtcctt cagaggacgg 420
cggaacaga gtgaccgagg ggggtggcctt ggntgactta aaacgggtgag ctgggtccccg 480
ctgccaaaca catgcgtcac tgagttatgc ttggattgaa accccggggc cancaacttg 540
ggcagtcacg gagccgcctt gaacaggaac ctgcccaccg gttcctaagc ttgaccgctg 600
nttctccagg gtccaggnc 620
```

<210> 1028

<211> 697

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W73859

<220>

<221> unsure

<222> (1)..(697)

<223> n = a or c or g or t

<400> 1028

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acaaatacga gaacgggtac attcaccggg tcaacctgac gtggcccttt atggtggccg 120
ggaaaccgga gagtgcctg aaagaagtgg tgaccgcgag ccgcttatgt ggaaccaccg 180
cgtcctgacc ttggaggtgc gagtctggga aaggcgcgct cccgggggga ngcgcncnct 240
gggaaggcga cccctgccct cagtgtcttc tgtctctgct tccccctcgc aatgctcctc 300
tctctgtccc accccgcgag aacactttac aacgacgagg agattcgttt ccaaaccaga 360
ggagatcaat tgtacttaca aagattccca tctatttaac tttattaact tctaccgtga 420
atgactctgc aagccttgct ggtccaagtg caatatgtaa ttataaatat ataaatagat 480
aagagcctat caatgtatct tttgtacaat atgttgtaaa atgtagatca taggatagct 540
gactttgaca gtcacattta taaagtaatt cacttaaaga tatatatatt tccaacaagt 600
ttgcactttt gaaataaacc ttctttatat gctaaaaaaa aaaaaaagat nggcggantt 660
tccttggggg gtaattantt gatgcgcggt aangcgg 697
```

<210> 1029

<211> 676

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W74533

<220>

<221> unsure

<222> (1)..(676)

<223> n = a or c or g or t

<400> 1029

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tttttcagtt ggacacaaat gtattttattt taccctagca atagaacaaa atataatttc 60
tttagccatt tttcatgaga atagttcatt gtacagttga ggaaacatat gaaataaggc 120
ctgtggttga ttgctagtgg ttaagcatgt tttcaatctt tgccttaatg taaaagattt 180
gcagtgaact gcaaactgat gcagaatata tctcctgctt ttccaagtct tgtcaggaat 240
agtaaggtag agtaaatttg tcccacagga ttttaaagcc tacgtcttgt atataatata 300
atgcaggcct acaaaaatgg tgcagccata tttacaaatt tagttcacag actgctgcag 360
taaaatggct ggaaagtttt gttttgcttg tttcacaatt tctctaaaca gcagcagaat 420
```


cttaaaatac ctggctggca tctcttttct ttgtaacaaa taattcactt tagtatactc 480
 tgtgtatata caaagttttt gtatgtttta taaaaattca cagaactgca aggttcagtc 540
 actttttttac accagagaac cacagggtcaa gagcactctt caagcagagt tgaggggactg 600
 cgnagccaat ggtgccttat tattaaaccc gcatgggcct ggatcctagc tgagataagn 660
 tgtaccacgc atgcct 676

<210> 1030
 <211> 496
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W76181

<220>
 <221> unsure
 <222> (1)..(487)
 <223> n = a or c or g or t

<400> 1030
 cgaggagtcg gggcaaagct gggcctgcgt gagattcgca tccacttatg tcagcgctcg 60
 cccggcagcc aggggtcagg gacttcattg agaaacgcta cgtggagctg aagaaggcga 120
 atcccgacct acccatccta atccgcgaat nctccgatgt gcagcccaag ctctggggcc 180
 gctacgcatt tggccaagag acgaatgtcc ctttgaacaa cttcagtgtc gatcaggtaa 240
 ccagagccct ggagaacgtt ctaagtggta aagcctgaag cctccactga ggattaagag 300
 caacagcccc agagcctggg ctctgctgga cttagtataa tgtgaaaaaa atgtgttctc 360
 ctattcctca taaagcttgt gctgtaaaat actttctcag ggtgttcttg tcctcatcta 420
 ccctctaccc cttactgtgc aaccactgag gcaaagtagc ttaatataaa aataaaactt 480
 tattctggtc tcaaaa 496

<210> 1031
 <211> 315
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W78127

<400> 1031
 gaaaagacgt gcttgtcatt cttaataaac aactagagta agaatacata agagaaacag 60
 agtgggtatct ttatatgata cacaagtgtg tgttacaaga attccatcag gcacaggagc 120
 ctcagggtttt aaggcctcaa tgttaggcca acaaaaaaaaa aaaaggcatg gtaaagtttt 180
 tactttttaca tctaaaatgt cacttgtcat aaaggagggg gtaatagaaa ttgtctttta 240
 taaatcataa ttgaagtccc cctcattttt cttccattaa gatgctaagt ttatgtctga 300
 tcatgaagaa agaaa 315

<210> 1032
 <211> 556
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W80509

<220>
 <221> unsure
 <222> (1)..(556)
 <223> n = a or c or g or t

<400> 1032
 ttttcacatc gtacatgttt atatctagaa aacgccaagt caagtaatca gtacgtgaag 60
 cgggccgagt acccgatggc ctggccccgg gtgaaggctg tttagtgacc atggaagtgt 120

```
gtgagatttc acgcacacgc attcatgtca acaaggacat caggagaagt taacattata 180
ctgaagtctt aagttaaaac atttctgaag tgtatggaaa ggtttacta gctgttactt 240
ttctaaagtc ccttgccctg tggtacttta cccagacgcc tctgctcttt atcgtggatc 300
aaagtccctg gggcttttgt gtgtccccgt caggcggcgt cggtggcctc agcaagtgcc 360
ttgggtggcg aatgtgacgt tccccccagc tgggtcccgg actggacagt gtgggtgggt 420
ggtgccatcg cactcagcag acaagggtgag tgaccccagc ccagccctcc cttgtcccgg 480
tgccatccgg gaagggtgctg gggaaacctgt cctttccctt ntggcccggg gtggcacctg 540
gnaaagcaag cccttg 556
```

<210> 1033
<211> 418
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W86513

<220>
<221> unsure
<222> (1)..(418)
<223> n = a or c or g or t

```
<400> 1033
ccagtgaaac tcatttttatt ttcagctgaa aaatatacac agataagcat taaaattgaa 60
ttattatagg ttttctgaaa ataaaatttt acaatactta tgtttaacaa agattaaaaa 120
attcaaacaa atcaggaagg cacaggtctt gtaaaatgta ataaagaatt tagtccatac 180
cttgatgcat agtgggtggca ttaaattggca caatttttctg gtatcatgcc tgccctgcctt 240
agatctcaaa cagacctact ctcttttctt tcttttctcat ctttaacaaac ttttgataat 300
caagcatcat agtatgacaa agagagtaac aagagctgtg caggccagca catccagaga 360
gcagtactga aaccagggtga gcttggtgggc aggtngcagc aggtacttgg gctccatt 418
```

<210> 1034
<211> 411
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W86660

<220>
<221> unsure
<222> (1)..(411)
<223> n = a or c or g or t

```
<400> 1034
antcacctct gtccccccagg ctggagcaaa ataaataaat aaagggtgcag ctgtgggtcg 60
aaggatggtg tggaagtgtg gggtagacat ccaagactgc agtaatgcta tgcccagggt 120
atatttttggg gcaaaacccc caaaataccc tggcaaaagaa agaagattgt gtttcagttg 180
caatcatcta ccctaataccc tttctgaggg cctctggact cgcttgggct cactgccctt 240
gtctgatggg gtaggatctc ccagaggaga ccagctaatt atactttaat gaggtgactt 300
acagacactg gaaaaggagt tggctggtac actccccatc atcatnagca gctctctnag 360
aggatacagt ctgtgaataa atggtaccag aacnctcttg agcctcgtgc c 411
```

<210> 1035
<211> 265
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W88568

<400> 1035

```

gttttttaac attttaattt caacgtgcc a gattttgtcc aaatgagatg atacaggcta 60
gaatgcacgg cggaattcca gactggactc actccataag ccaactcatc actgcccgtg 120
aacatgaatt ctggctctca gagaagctga cattgtttcc ctgaacattc ccgtgggtctc 180
cctctgaaag ccgatgacca tccaacctg actcacctga aatatcctac gagcatcgcc 240
ctccgagact gacgattatt aacca                                     265

```

```

<210> 1036
<211> 395
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W92207

```

```

<220>
<221> unsure
<222> (1)..(395)
<223> n = a or c or g or t

```

```

<400> 1036
gtgttccaat aaaactttat ttacacacat tgaaacctga atttcataca attttcacgt 60
taccaaattt taattttttt tcaactattt aaaaatgtta aaaccattct tagctcacag 120
gctatgcgaa anagancaac cagccagatt cggcccacgg tttaaggcca gtttaagcct 180
caccaccttc ctagcccccac tcacctattt tgtcctctca tcttctgtgc cttcagcacc 240
cccatgacct tctgtgacc ttcaatggcc cctccagctg ccgtccagcc ctgtctgtct 300
gcccttnggg gaccctctcc tctgggctg caggactgtt ttttctgga gcaggtctct 360
aaatagctcc attcgcttg gcagggggaa tccag                                     395

```

```

<210> 1037
<211> 241
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W92449

```

```

<400> 1037
tttttttagat tcattttttt aatgacatcc taaaattcag aggagggggc agcgggacct 60
ctgggctcag cggctgtgaa ggagggaccc gcaacacccg ctaaggcagg taattgcaag 120
aaggcaactcg cgagggggac ttcaagcccc tcttctattt cttcatataa aatcaggggg 180
atggggaaag ctccaagggc gagggaagca gagagtttct ctcccagcct atggaataag 240
g                                     241

```

```

<210> 1038
<211> 571
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W93396

```

```

<220>
<221> unsure
<222> (1)..(571)
<223> n = a or c or g or t

```

```

<400> 1038
tcacatattt ttgcaagccg tttattagga taccgcttaa ataattactt cttgttttta 60
tttggttttt cttaaacatg gtcttgtag gtgaggtttc ataaccacca cacaactgtc 120
tttggttctca cgctgtctga gcgtgtttta tgggcattgt gataatagct gtagtttcca 180
acggttgtag tagctgacta gtcagtggct tcagcaacac acatttatcc tctataagc 240
cctggaggtc agaagctccg atccagggtg tggctggggt ccactcctcc tggaggcgct 300

```

aggggaggat ctgtgtccct cttaccattt ctaggatccg ctgcaccctt tggtcaggc 360
ctctcttcca tcttcaaagt cagcagcctc tcctccctc tgacctggc ttcctctgcc 420
cgactctgac cccttggcct tcctcttaca agganctgt gatganctgg cggccancca 480
gctaattccag gggaggagaa gagaatactg agcgtcaant cgttgtaagc ttttcagaat 540
tccttgggtt tttggtcctt taaaacggg t 571

<210> 1039
<211> 355
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W94333

<400> 1039
tgaacatttc atcttttact ttttagcacc aacagacttg ataacagcct gatgctgac 60
tgacaatggg ttgatagcct tccccactg acccttaaata ctgcttagta acaagtcctt 120
tgcttctgtc attctcctgg gggatggcct actcgccctc ctttctgtac aatctgggca 180
aaccgactgg tgatggcaag agtggtgtca atgaagcggc ctacacagct ggagagacaa 240
ttttcagtg gagagtctag gcgattccct ggcttctcca cacatttacc ccaacataac 300
tccatgaagt gatgcacctg tgcagtaaac tgcgccttct gctgctcggc ggcca 355

<210> 1040
<211> 1761
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. X00351

<400> 1040
ttgcccgatcc gccgcccgtc cacaccgcgc gccagctcac catggatgat gatatcgccg 60
cgctcgtcgt cgacaacggc tccggcatgt gcaaggccgg cttcgccggc gacgatgccc 120
cccgggcccgt cttccccctc atcgtggggc gccccaggca ccaggcgctg atgggtgggca 180
tgggtcagaa ggattcctat gtgggagacg agggccagag caagagaggc atcctcacc 240
tgaagtaccc catcgagcac ggcatcgtca ccaactggga cgacatggag aaaatctggc 300
accacacctt ctacaatgag ctgctgtgtg ctcgccagga gcaccccgctg ctgctgaccg 360
aggccccctt gaaccccaag gccaacgcgc agaagatgac ccagatcatg tttgagacct 420
tcaacacccc agccatgtac gttgctatcc aggtgtgtgt atccctgtac gcctctggcc 480
gtaccactgg catcgtgatg gactccgggtg acgggggtcac ccacactgtg cccatctacg 540
aggggtatgc cctcccccat gccatcctgc gtctggacct ggctggccgg gacctgactg 600
actacctcat gaagatcctc accgagcgcg gctacagctt caccaccacg gccgagcggg 660
aaatcgtgcg tgacattaag gagaagctgt gctacgtcgc cctggacttc gagcaagaga 720
tggccacggc tgcttccagc tcctccctgg agaagagcta cgagctgcct gacggccagg 780
tcatcaccat tggcaatgag cggttccgct gccctgagga actcttccag ccttccctcc 840
tgggcatgga gtctgtggc atccacgaaa ctaccttcaa ctccatcatg aagtgtgacg 900
tggacatccg caaagacctg tacgccaaca cagtgtgtgc tggcggcacc accatgtacc 960
ctggcattgc cgacaggatg cagaaggaga tcaactgccct ggcacccagc acaatgaaga 1020
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cctcgtgtgc caccttccag cagatgtgga tcagcaagca ggagtatgac gactccggcc 1140
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acggtgaagg tgacagcagt cggttggagc gagcatcccc caaagttcac aatgtggccg 1380
aggactttga ttgcacattg ttgttttttt aatagtcatt ccaaataatga gatgcattgt 1440
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gtcctctccc aagtccacac aggggaggtg atagcattgc tttcgtgtaa attatgtaat 1560
gcaaaaatttt tttaatcttc gccttaatac ttttttattt tgttttattt tgaatgatga 1620
gccttcgtgc ccccccttcc ccctttttgt cccccaactt gagatgtatg aaggcttttg 1680
gtctccctgg gagtgggtgg aggcagccag ggcttacctg tacactgact tgagaccagt 1740
tgaataaaag tgcacacctt a 1761

<210> 1041
 <211> 3768
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. X00371

<400> 1041
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 agacacaagg ctccctccagg gaggggcgcc tcattggcaat cctagaatgg tcaccagcca 120
 ggcttttagag acccacacag agggcggttct gacccaaagt tgcactgggg aactccaagt 180
 ttgggggattc tttgaattta actctttttc tagctacatt tcctattatt tgtccaattc 240
 ttaccaaaca tctctgttca cattctgaag ctgggatctg actggcagag ctagtagatg 300
 ctgactattc agatggagcc ctgacattgg ctttctcagc ttggctgtga ctggcagcag 360
 gtttgcgagg gaactgtgtg tcccagaaca tgactggcta cacctgcacc tcagcaagat 420
 tggggcaggg cagttatctt caaaaagctg tgtaggtggg gcagtcatta ctgacaaatc 480
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 gctgtaaagc ggggtggtgc tgcctacctc acagaggtgt tgtaaagatt agatgtaatc 600
 ttgccaagca gccactttgt aaactgtata gtcttatgca gatggaagga agggcctgtg 660
 cctaccttga tcatagcact aaacaaactg tactgtattt tcattcctct tagttatctc 720
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 gtggatggat ggatggaggg atggaggaac agatagatag atggagggat ggggtgggtga 1020
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 aggggatggg tggatggatg aatggagggg tgatgggtgg atgaatgaat tgagggatgg 1140
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 tggatgggtg gatggataga tgaatgaatg cctggataga caaagagatg atggatagat 1260
 gaatagatga attaagggat gtcggataga tggagggatt gatagatgtt ggtggatgg 1320
 gtgggtggat gatagatgag tgaatgcatg gatagacaaa gagatgatgg atggatgaat 1380
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 tctccactc tctttctttg caaaaccatc caccatttta ctcaataaac atttattcag 1560
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<223> Genbank Accession No. X07109

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<213> Homo sapiens

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<213> Homo sapiens

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<223> Genbank Accession No.. X66899

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<213> Homo sapiens

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<223> Genbank Accession No. X83705

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<211> 455

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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X85785

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<212> DNA

<213> Homo sapiens

<220>

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 <211> 2038
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z11793

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 gtgactgtgg ttgctcttct tcaagccagc tgatacctgt gcatcatcga ggcatctaaa 240
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<210> 1105

<211> 1019

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z35093

<400> 1105

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<210> 1106

<211> 260

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z38266

<400> 1106

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aggagacact taagatcaat tcaagagaat agcttttcagt gttcacagaa ggggtactca 240
cattcatttg tcacatattt 260

<210> 1107
<211> 246
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z38551

<220>
<221> unsure
<222> (1)..(246)
<223> n = a or c or g or t

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tncttaatac aaaaagaata aattaaaagc agatttcttt ttttaattct gcaactttgt 120
ctacaacgta catctttttc attgattaca gttgaacaga atccagtaaa atcattttac 180
atgctctaca gtcagtttca ggggcancct aatctttttt cccccattat taaactagag 240
tccatt 246

<210> 1108
<211> 270
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z38744

<220>
<221> unsure
<222> (1)..(270)
<223> n = a or c or g or t

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aaaaagggtta ttttatacct ctacttttcc aaaacgagga aacctcccca caaatcccat 120
caacacacag tcatgctgga aggcattctg tcttactctg ttgggtttcat gtaaatgttt 180
ggggtgactc attccgctc tctntttctc aagttccagg cttcttgggt agaccaaacc 240
taatacacaa tgtagagca cacaagagac 270

<210> 1109
<211> 287
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z38785

<400> 1109
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gctctcgag gccagtggg cgacctctg tccacaaccg tgagggacaa aggcctgtcc 180
ttgaggctgc tgggcagggg cccaggcagt aagtggaggg acctgagagg ctctgaggac 240
acagcacatc tgtacaccct catggtgccc tgaccacaca gcagcca 287

<210> 1110
<211> 314

<212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z39874

<400> 1110
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 gtgggtcccca accttctgtg gtcccccggt ggtgctgagg cacaggctgt atggctgcag 180
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 ttcccccata ctgacattta gccactctcc tctgtcactc tccggggacg tgcacacacc 300
 gttggcatga actg 314

<210> 1111
 <211> 323
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z39904

<220>
 <221> unsure
 <222> (1) .. (323)
 <223> n = a or c or g or t

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 tcttatttta aagtttaaat ctaattaata tattctgact aacataatca tccaaagata 120
 aaagtatttg tgatggcaaa tggacagaac aatcatttag gtagcatcta ggaatattgc 180
 tacaattact ttacataaat ngaaatccac gtctttatta gtaatgtnc cccacatctta 240
 gagtaaaaaat ttacataaga taggcttata aatatacata aatctcaaaa ttaatcacia 300
 acattaggta cacaattggt ata 323

<210> 1112
 <211> 326
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z39983

<400> 1112
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 gggaagcaga gtgggctggt gatgtctgga aagctccctc accagagtgc ccagtgggtc 180
 acacagcatc atgggggatg agctgggggt ggagtcgggt gtatctgaca ccagaccctc 240
 cattcaagct ccttgatga caacgccac aacagggtct ggctgatgct ccgttctgcc 300
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<210> 1113
 <211> 332
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z40012

<400> 1113
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tttattatac agcagggtac aatggtagtg ctaatgccaa cagggcacca tggaagttag 180
tctaaaaatt atcgctaggc tttatacaag caacaacata tgctgctgct cttagaattt 240
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gttacagtat ttagtttggc aaatgtttca aa 332

<210> 1114
<211> 254
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z40186

<220>
<221> unsure
<222> (1)..(254)
<223> n = a or c or g or t

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tgatttacct tgattttacac atgattggng cctaatttat taatcagcac gcagcatgta 180
aatgtgctca aaagaaatca aggttttaaaa taagttttcc ataattttca taaacatttt 240
cgctggtgta aatg 254

<210> 1115
<211> 327
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z40332

<220>
<221> unsure
<222> (1)..(327)
<223> n = a or c or g or t

<400> 1115
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ctctttgcc atcctcttct caatcagttg ttttagcttc tctttcatgt agctctcaag 240
tgagtnatca ttgaaataaa tcgaaatgcc caacaaaagg gcacataagc cttggaccaa 300
ctgctcttct tctccaagat tttctgc 327

<210> 1116
<211> 346
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z40556

<220>
<221> unsure
<222> (1)..(346)
<223> n = a or c or g or t

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ctggaaccca gactctgtct ccccttgag gtcacagatg ttgaagttgg aatctcgctc 180
 cttcccctga ctaccatcct aggctgggccc tcaagactag tgaggcctgt cccaccatc 240
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<210> 1117
 <211> 292
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z40715

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 gggcatgcca ttgccatggc aaccagatg cttagatgca ggtccctcct ggctgcttag 180
 agctgggggg actaggcgcc ctccccgaaa gccccattc tgagttgttg gtgcctgccc 240
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<210> 1118
 <211> 270
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z40898

<400> 1118
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 aagagagcac ccagtgttgg gctgaaaaca 270

<210> 1119
 <211> 333
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z41642

<220>
 <221> unsure
 <222> (1)..(333)
 <223> n = a or c or g or t

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 ggatgagatg tactctgcca ctgttctctc tgggcacttt cagatgatgg ggtctgagat 180
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 ggagctcagc atggaaacct gggagaaagg gcc 333

<210> 1120
 <211> 324
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. Z41763

<400> 1120

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gaatgaggac ccacactctc tgctgtcaca aacaggaggt ggggcccag aaacagtgg 240
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<210> 1121

<211> 1569

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z48501

<400> 1121

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<210> 1122

<211> 4553

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z69881

<400> 1122

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